

Memorandum

Date: November 26, 2001

Telephone: ATSS (916) 654-4067

File: Central Valley Energy Center- 01-AFC-22

To: William J. Keese, Chairman
Michal C. Moore, Ph.D
Robert A. Laurie
Robert Pernell
Arthur H. Rosenfeld, Ph.D

From: California Energy Commission
1516 Ninth Street
Sacramento, CA 95814-5512

Subject: **DATA ADEQUACY RECOMMENDATION FOR THE CENTRAL VALLEY ENERGY CENTER PROJECT - (01-AFC-22)**

Staff has completed its data adequacy review of the Central Valley Energy Center Project Application for Certification (AFC) submitted on October 31, 2001. Staff believes that the AFC does not contain all the information required by Cal. Code of Regs., tit. 20, § 1704, Appendix B (12-month process) and Public Resources Code 25550 (6-month process). Attachment A contains an overview of each technical discipline and staff's adequacy recommendation. There are 10 technical areas in the 12-month process and 10 technical areas in the 6-month process requiring additional information. Attachment B contains the individual data adequacy worksheets detailing staff's conclusions for each technical section.

Based on staff's preliminary review, the project may have significant issues that would prevent it from meeting the criteria set forth under the 6-month process. These issues may require more time than is allowed in a 6-month process to resolve. These issues include: 1) Biological Resources (Section 7 consultation with the USF&WS may be required and a complete species survey has not been provided); 2) Transmission System Engineering (applicant must provide a Transmission System Impact Study for the transmission configuration proposed in the AFC); 3) Air Quality (applicant must provide further details on the type and location of offsets, and address the new sanctions from the US EPA concerning new PM10 offset requirements); and 4) Water Resources (applicant must identify an alternate source for sewage disposal, as the identified source is currently overloaded; and the City of Fresno must obtain clearance or a waiver from the state Water Resources Control Board before it can issue a permit to the applicant to use reclaimed water).

At the Energy Commission's Business Meeting on December 5, 2001, I will recommend that the Energy Commission find the AFC incomplete and recommend that you adopt the list of deficiencies contained in the attachment.

If you have any questions, please call Matt Trask, staff's Project Manager, at (916) 654-4067.

Sincerely,

STEVE LARSON
Executive Director

TPP:JC:jc

**OVERVIEW OF ENERGY COMMISSION STAFF'S
DATA ADEQUACY
CENTRAL VALLEY ENERGY CENTER PROJECT
01-AFC-22**

Technical Area	Data Adequacy			
	<i>12-Mo.</i>	Page No.	<i>6-Mo.</i>	Page No.
Air Quality	No	4	No	9
Alternatives	Yes	12	Yes	13
Biological Resources	No	14	No	19
Cultural Resources	No	21	Yes	24
Efficiency	Yes	25	Yes	27
Facility Design	Yes	28	Yes	31
Geological Hazards	Yes	32	Yes	34
Hazardous Materials	Yes	35	No	37
Land Use	Yes	39	Yes	42
Noise	No	43	No	46
Paleontological Resources	Yes	47	Yes	49
Project Overview	Yes	50	No	53
Public Health	Yes	54	Yes	56
Reliability	Yes	58	N/A	---
Socioeconomics	No	60	No	64
Soil Resources	No	66	No	96
Traffic and Transportation	No	68	Yes	71
Trans Line Safety/Nuisance	Yes	72	Yes	74
Transmission System Engineering	No	76	No	79
Visual Resources	No	81	No	85
Waste Management	Yes	87	Yes	90
Water Resources	No	91	No	96
Worker Safety	Yes	99	Yes	101

Adequacy Issue: Adequate Inadequate



DATA ADEQUACY WORKSHEET

Revision No. 00 Date 11/5/01

Technical Area: **Air Quality**

Project: Central Valley Energy Center Project

Technical Staff: William Walters

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Keith Golden

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§8.1 pgs 8.1-1 to -53	No	Mitigation measures are not adequately discussed. See further explanation below under Appendix B (g) (8) (J) (ii) requirements.
Appendix B (g) (8) (A)	The information necessary for the air pollution control district where the project is located to complete a Determination of Compliance.		No	The District received the air permit application package on November 5 th . The District will try to complete the application completeness assessment by November 19 th , but has until December 5 th , by rule, to finish their completeness assessment.
Appendix B (g) (8) (B)	The heating value and chemical characteristics of the proposed fuels, the stack height and diameter, the exhaust velocity and temperature, the heat rate and the expected capacity factor of the proposed facility.	§2.2.16 pg 2-18 Table 8.1-15 pg 8.1-12 Appendix 8.1A Table 8.1A-1 pg 8.1A-1 Appendix 8.1B Electronic Filing on CD	Yes	
Appendix B (g) (8) (C)	A description of the control technologies proposed to limit the emission of criteria pollutants.	§2.2.11 pg 2-14 §8.1.6 pgs 8.1-49 to -51 Appendix 8.1E	No	Description of control technologies proposed for the natural gas fired emergency generator engine. (note: the document is not consistent in identifying fuel type for the emergency generator, please confirm fuel type.)
Appendix B (g) (8) (D)	A description of the cooling system, the estimated cooling tower drift rate, the rate of water flow through the cooling tower, and the maximum concentrations of total dissolved solids.	§2.2.8 pg 2-10 Appendix 8.1A Table 8.1A-3	Yes	
Appendix B (g) (8) (E)	The emission rates of criteria pollutants from the stack, cooling towers, fuels and materials handling processes, delivery and storage systems, and from all secondary emission sources.	§8.1.5.1.1 pgs 8.1-23 to -29 Appendix 8.1A	No	The emission rates of criteria pollutants from all secondary emission sources (i.e. ammonia deliveries, waste hauling, etc.).

Adequacy Issue: Adequate Inadequate

X

DATA ADEQUACY WORKSHEET

Revision No. 00 Date 11/5/01

Technical Area: **Air Quality**

Project: Central Valley Energy Center Project

Technical Staff: William Walters

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Keith Golden

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (F)	A description of typical operational modes, and start-up and shutdown modes for the proposed project, including the estimated frequency of occurrence and duration of each mode, and estimated emission rate for each criteria pollutant during each mode.	§8.1.5.1.1. pgs 8.1-26, 27 Appendix 8.1A	No	Estimated frequency of occurrence and duration of each potential startup mode (i.e. hot start, cold start, warm start, etc.), and estimated emission rate for each criteria pollutant for all types of startup events.
Appendix B (g) (8) (G)	The ambient concentrations of all criteria pollutants for the previous three years as measured at the three Air Resources Board certified monitoring stations located closest to the project site, and an analysis of whether this data is representative of conditions at the project site. The applicant may substitute an explanation as to why information from one, two, or all stations is either not available or unnecessary.	§8.1.3 pgs 8.1-4 to -10 Tables 8.1-2 to -9 (note: ambient concentration data provided by the Applicant is only from one station for each pollutant)	Yes	
Appendix B (g) (8) (H)	One year of meteorological data collected from either the Federal Aviation Administration Class 1 station nearest to the project or from the project site, or meteorological data approved by the California Air Resources Board or the local air pollution control district.	Electronic Submittal on CD (note: five years of Data was provided.)	Yes	
Appendix B (g) (8) (H) (i)	If the data is collected from the project site, the applicant shall demonstrate compliance with the requirements of the U.S. Environmental Protection Agency document entitled "On-Site Meteorological Program Guidance for Regulatory Modeling Applications" (EPA - 450/4-87-013 (August 1995), which is incorporated by reference in its entirety.)	N/a	N/a	

Adequacy Issue: Adequate Inadequate

X

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Revision No. 00 Date 11/5/01

Technical Area: **Air Quality**

Project: Central Valley Energy Center Project

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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (H) (ii)	The data shall include quarterly wind tables and wind roses, ambient temperatures, relative humidity, stability and mixing heights, upper atmospheric air data, and an analysis of whether this data is representative of conditions at the project site.	Electronic Submittal on CD	No	<p>Quarterly wind tables and hourly relative humidity data. If the original met data processed included present weather data and visible range data that should be provided to the CEC to complete the visible plume assessment for the cooling tower and HRSGs.</p> <p>Some discussion of the stability class processing of the NCDC data should be provided for review.</p> <p>Additionally, no identification of why certain years were selected (i.e. 1992 to 1995 and 1997) and others were not selected (i.e. 1996) was provided to complete the representative of conditions discussion.</p>
Appendix B (g) (8) (I)	An evaluation of the project's direct and cumulative air quality impacts, consisting of the following:			
Appendix B (g) (8) (I) (i)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert pollutant impacts of project construction activities on ambient air quality conditions, including fugitive dust (PM ₁₀) emissions from grading, excavation and site disturbance, as well as the combustion emissions [nitrogen oxides (NO _x), sulfur dioxide (SO ₂), carbon monoxide (CO), and particulate matter less than 10 microns in diameter (PM ₁₀)] from construction-related equipment;	§8.1.5.4 pg 8.1-47 Appendix 8.1D Electronic Filing on CD	Yes	

Adequacy Issue: Adequate Inadequate



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Revision No. 00 Date 11/5/01

Technical Area: **Air Quality**

Project: Central Valley Energy Center Project

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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (I) (ii)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert criteria pollutant (NO _x , SO ₂ , CO and PM ₁₀) impacts on ambient air quality conditions of the project during typical (normal) operation, and during shutdown and startup modes of operation. Identify and include in the modeling of each operating mode the estimated maximum emissions rates and the assumed meteorological conditions; and	§8.1.5.1.2 pgs 8.1-30 to -42 §8.1.5.3 pgs 8.1-44 to -47 Appendix 8.1B Electronic Filing on CD	Yes	
Appendix B (g) (8) (I) (iii)	A protocol for a cumulative air quality modeling impacts analysis of the project's typical operating mode in combination with other stationary emissions sources within a six mile radius which have received construction permits but are not yet operational, or are in the permitting process. The cumulative inert pollutant impact analysis should assess whether estimated emissions concentrations will cause or contribute to a violation of any ambient air quality standard.	Appendix 8.1G	Yes	
Appendix B (g) (8) (J)	If an emission offset strategy is proposed to mitigate the project's impacts under subsection (g)(1), provide the following information:			
Appendix B (g) (8) (J) (i)	The quantity of offsets needed;	Appendix 8.1F Confidential Filing	No	The quantity of offsets listed did not include an assessment of the EPA PM ₁₀ and PM ₁₀ precursor offset Sanction that is currently in force for Major Stationary Source Projects within the San Joaquin Air Basin. This assessment should also address how the sanction will affect the SO ₂ for PM ₁₀ interpollutant offset ratio proposed.
Appendix B (g) (8) (J) (ii)	Potential offset sources, including location, and quantity of emission reductions; and	Confidential Filing	No	Location of offset sources. The confidential filing should include a tabular listing of all of the ERC sources to be used to offset the project emissions, their location of origin, and their method of emission reduction.

Adequacy Issue: Adequate Inadequate



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Revision No. 00 Date 11/5/01

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Project: Central Valley Energy Center Project

Technical Staff: William Walters

Project Manager: Matt Trask

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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (J) (iii)	Method of emission reduction.	None	No	See above under Appendix B (g) (8) (J) (ii) requirements.
Appendix B (g) (8) (K)	A topographic map containing contour and elevation data, at a scale of 1:24,000, showing the area within 6 miles of the power plant site.	Separate Filing of 7.5 minute USGS quadrangles	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.1-14 pgs 8.1-20 to –22 (note: the table does not correctly reference the section in the document that discusses LORS conformance)	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.1-14 pgs 8.1-20 to –22	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	§8.1.6 pgs 8.1-47 to –53	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 8.1-10 pg 8.1-11	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	§8.1.4 pg 8.1-11	No	A schedule, with estimated dates, indicating when permits outside the authority of the commission will be obtained. This schedule should include anticipated delays, if any, due to the current EPA PM ₁₀ and PM ₁₀ precursor offset sanction.

Adequacy Issue:

Adequate

Inadequate

X**DATA ADEQUACY WORKSHEET**

Revision No. 00 Date 11/5/01

Technical Area: **Air Quality**

Project: Central Valley Energy Center Project

Technical Staff: William Walters

Project Manager: Matt TraskDocket: 01-AFC-22Technical Senior: Keith Golden

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	§8.1.4.1 pgs 8.1-11 to -22	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	§8.1.6 pgs 8.1-43 to -53	No	Offset compliance is not adequately discussed. See further explanation below under 12-month DA requirements for Appendix B (g) (8) (J) (ii). Also see below under §2022(b)(1)(C). Additionally, the Natural Gas Fired Emergency Engine has not been demonstrated to meet BACT.
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	None	No	Discussion of impeding changes to San Joaquin Valley Air Pollution Control District fugitive dust control rules (Regulation XIII rules), the associated EPA PM ₁₀ and PM ₁₀ precursor offset sanction and the proposed timing of the project to comply with the anticipated rule changes and anticipated lifting of the offset sanctions. In particular, how does the Applicant propose to maintain a 6-month project schedule considering that it is more than likely that the District's rulemaking may not be complete and/or the EPA offset sanction may still be in force at the time of the Staff Assessment?
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	§8.1.4.1 Table 8.1-14 pgs 8.1-20 to -22	Yes	

Adequacy Issue:

Adequate

Inadequate

X**DATA ADEQUACY WORKSHEET**

Revision No. 00

Date 11/5/01

Technical Area:

Air Quality

Project:

Central Valley Energy Center Project

Technical Staff:

William Walters

Project Manager:

Matt Trask

Docket:

01-AFC-22

Technical Senior:

Keith Golden

(Six Month Expedited Process)

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			
§2022(b)(2)(A) (Air Quality)	A detailed modeling analysis assessing whether the cumulative impacts of all inert criteria pollutants (NO _x , SO ₂ , CO, and PM ₁₀) from the project's typical operating mode in combination with all stationary emissions sources within a six-mile radius of the proposed site that have received construction permits, but are not yet operational, and all stationary emissions sources that are currently undergoing air district permit application review will cause or contribute to a violation of any ambient air quality standard;	Appendix 8.1G	Yes	
§2022(b)(2)(B) (Air Quality)	A description of the project's planned initial commissioning phase, which is the phase between the first firing of emissions sources and the consistent production of electricity for sale to the market, including the types and durations of equipment tests, criteria pollutant emissions, and monitoring techniques to be used during such tests, and air dispersion modeling analyses of the impacts of those emissions on state and federal ambient air quality standards for NO ₂ , SO ₂ , CO, and PM ₁₀ ;	§8.1.5.1.2 pgs 8.1-38, 39	No	A description of the project's planned initial commissioning phase, including the types and durations of equipment tests, criteria pollutant emissions, including estimated stack parameters (i.e. velocity and temperature), for each test type, and monitoring techniques to be used during such tests.
§2022(b)(2)(C) (Air Quality)	A detailed description of the mitigation, which an applicant shall propose, for all impacts from criteria pollutants that currently exceed state or federal ambient air quality standards, but are not subject to offset requirements under the district's new source review rule;	§8.1.6.3 pgs 8.1-51, 52 Confidential Filing	No	A description of mitigation proposed for all affected criteria pollutants from construction activities (i.e. NO _x and VOC as ozone precursors and SO ₂ as a PM ₁₀ precursor). A description of mitigation proposed for the SO ₂ , PM ₁₀ precursor, operating emissions.

Adequacy Issue:		Adequate	Inadequate	X	DATA ADEQUACY WORKSHEET	Revision No.	00	Date	11/5/01
					(Six Month Expedited Process)				
Technical Area:	Air Quality	Project:			Central Valley Energy Center Project	Technical Staff:	William Walters		
Project Manager:	<u>Matt Trask</u>	Docket:	<u>01-AFC-22</u>			Technical Senior:	<u>Keith Golden</u>		

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(D) (Air Quality, Public Health)	A modeling analysis that identifies the extent of potential public exposure to toxic substances, as identified in subsection (g)(9)(A) of Appendix B, resulting from normal facility operation;	§8.1.5.2 pgs 8.1-42 to –44 Appendix 8.1C	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 11-16-01

Technical Area: Alternatives

Project: Central Valley Energy Center

Technical Staff: Matt Trask

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (D)	A description of how the site and related facilities were selected and the consideration given to engineering constraints, site geology, environmental impacts, water, waste and fuel constraints, electric transmission constraints, and any other factors considered by the applicant.	Sections 1.4, 5.3, 6.1, 6.2, 7.1.3, 7.1.4, and 9.0 (all)	Yes	
Appendix B (f) (1)	A discussion of the range of reasonable alternatives to the project, or to the location of the project, including the no project alternative, which would feasibly attain most of the basic objectives of the project but would avoid or substantially lessen any of the significant effects of the project, and an evaluation of the comparative merits of the alternatives. In accordance with Public Resources Code section 25540.6(b), a discussion of the applicant's site selection criteria, any alternative sites considered for the project, and the reasons why the applicant chose the proposed site.	Sections 9.1, 9.2, and 9.3	Yes	
Appendix B (f) (2)	An evaluation of the comparative engineering, economic, and environmental merits of the alternatives discussed in subsection (f)(1).	Section 9.2 and 9.3 (all); Tables 9.2-1 and 9.2-2	Yes	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 00 Date 11/16/01

Technical Area: Alternatives Project: _____

Central Valley Energy Center

Technical Staff: _____ Matt Trask

Project Manager: Matt Trask Docket: _____

01-AFC-22

Technical Senior: _____ Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Appendix 1D and 1E	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Appendix 1D, Table 1D	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	Appendix 1D	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Appendix 1E	Yes	

Adequacy Issue: Adequate ☐ Inadequate ☒

Technical Area: **Biological Resources**

Project Manager: Mathew Trask

DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center

Docket: 01-AFC-22

Revision No. 0 Date 11/6/01

Technical Staff: Tom Scofield and Rick York

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	<p>Existing Site Conditions: Section 2.0, pp. 2-1-2-18. Section 5.0, pp. 5-1-5-7. Section 6.0, pp. 6-1-6-4. Section 7, pp. 7-1-7-8. Section 8.2.1, p. 8.2-1. Section 8.2.3, p. 8.2-3.</p> <p>Impacts: Sections 1.5.4, p. 1-5. Section 8.2.4, pp. 8.2-7-8.2-11.</p> <p>Mitigation & Monitoring: Sections 1.5.4, p. 1-5. Section 1.6.6, p. 1-5. Section 8.2.5, pp. 8.2-11-8.2-13.</p> <p>Mitigation & Monitoring Plan: Appendix 8.2D, BRMIMP outline.</p>	<p>YES</p> <p>YES</p> <p>YES</p> <p>YES</p>	
Appendix B (g) (13) (A)	A regional overview and discussion of biological resources, with particular attention to sensitive biological resources near the project, and a map at a scale of 1:100,000 (or some other suitable scale) showing their location in relation to the project.	<p>Regional bio. overview: Section 8.2.3, pp. 8.2-3-8.2-7.</p> <p>1:100,000 scale map:</p>	<p>YES</p> <p>YES</p>	

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (B)	A discussion and detailed maps at a scale of 1:6,000, of the biological resources at the site of the proposed project and related facilities, and in areas adjacent to them, out to a mile from the site and 1000 feet from the outer edge of linear facility corridors. Include a list of the species actually observed and those with a potential to occur. The discussion and maps shall address the distribution of community types, denning or nesting sites, population concentrations, migration corridors, breeding habitats, and the presence of sensitive biological resources.	Discussion and a 1:6000 scale maps: Section 8.2.4.1, p. 8.2-2.	NO	Provide a 1:6000 scale map of the project (including all the linears) that shows the location of habitat that may support sensitive species. The map should delineate the habitat within 1000 feet from the outer edge of the linears (including habitats at James Bypass, California Aqueduct, San Joaquin Slough, and all other water crossings) and should delineate all habitats within one mile of the CVEC site.
		List of potential species: Section 8.2, Table 8.2-3, pp. 8.2-22-8.2-26.	YES	
		List of species seen during field surveys:	NO	Provide a list of species observed during the field surveys.

Adequacy Issue: Adequate ☐ Inadequate ☒ **X**
 Technical Area: **Biological Resources**
 Project Manager: Mathew Trask

DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center

Revision No. 0 Date 11/6/01
 Technical Staff: Tom Scofield and Rick York
 Technical Senior: Jim Brownell

Docket: 01-AFC-22

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (C)	A description of all studies and surveys used to provide biological information about the project site, including seasonal surveys and copies of the California Department of Fish and Game's Natural Diversity Data Base Survey Forms, "California Native Plant Species Field Survey Forms", and "California Natural Community Field Survey Forms", completed by the applicant. Include the dates and duration of the studies, methods used to complete the studies, and the names and qualifications of individuals conducting the studies.	Studies: Section 8.2.3.3, pp.8.2-5-8.2-7. Section 8.2.3.4 p. 8.2-7. 3-8.2-4.	YES	
		Names & Qualifications of those completing biological resource studies: Section 8.2.3.4, p. 8.2-7. Appendix 8.2C.	YES	
		Copy of CNDDDB database and survey forms: Section 8.2.3.3, p. 8.2-5. Appendix 8.2A.	YES	
Appendix B (g) (13) (D)	A discussion of all permanent and temporary impacts to biological resources from site preparation, construction activities, and plant operation. Discussion of impacts must consider impacts from cooling tower drift, and from the use and discharge of water during construction and operation. For facilities which use once-through cooling or take or discharge water directly from or to natural sources, discuss impacts resulting from entrainment, impingement, thermal discharge, effluent chemicals, type of pump (if applicable), temperature, volume and rate of flow at intake and discharge location, and plume configuration in receiving water.	Impacts: Sections 8.2.4, pp. 8.2-7-8.2-11. Section 8.14.6, p. 8.14-14.	YES	
		Cooling tower drift: Section 8.2.4.2.1, 8.2-8-8.2-9.	YES	
		Once-through cooling:	NA	
Appendix B (g) (13) (E)	A discussion of the following:			

Adequacy Issue: Adequate ☐ Inadequate ☒

Technical Area: **Biological Resources**

Project Manager: Mathew Trask

DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center

Docket: 01-AFC-22

Revision No. 0 Date 11/6/01

Technical Staff: Tom Scofield and Rick York

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (E) (i)	All measures proposed to avoid and/or reduce any adverse impacts;	Avoidance an/or reduce impacts measures: Section 8.2.5, pp. 8.2-11-8.2-13. Appendix 8.2D.	YES	
Appendix B (g) (13) (E) (ii)	All measures proposed to mitigate any adverse impacts, including any proposals for off-site mitigation; and	Mitigation measures: Section 8.2.5, pp. 8.2-11-8.2-13. Appendix 8.2D.	YES	
Appendix B (g) (13) (E) (iii)	Any educational programs proposed to enhance employee awareness in order to protect biological resources.	Educational programs: Section 8.2.5.1, p. 8.2-11. Appendix 8.2D.	YES	
Appendix B (g) (13) (F)	A discussion of compliance and monitoring programs proposed to ensure the effectiveness of mitigation measures incorporated into the project.	Compliance monitoring: Section 8.2.5.1, pp. 8.2-11-13. Appendix 8.2D.	YES	
Appendix B (g) (13) (G)	A discussion of native fish and wildlife species of commercial and/or recreational value that could be impacted by the project.	Commercial & recreational species:	NO	Provide a discussion of the potential for commercial and/or recreational values of native fish and/or wildlife to be impacted by the CVEC project.
Appendix B (g) (13) (H)	For purposes of this section, sensitive biological resources are one of the following:			
Appendix B (g) (13) (H) (i)	Species listed under state or federal Endangered Species Acts;	Listed species: Section 8.2.3.3 pp. 8.2-5-8.2-7. Table 8.2-3, pp. 8.2-22-26.	YES	

Adequacy Issue: Adequate ☐ Inadequate ☒

Technical Area: **Biological Resources**

Project Manager: Mathew Trask

DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center

Docket: 01-AFC-22

Revision No. 0 Date 11/6/01

Technical Staff: Tom Scofield and Rick York

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (H) (ii)	Resources defined in sections 1702 (q) and (v) of Title 20 of the California Code of Regulations; and	Listed species and sensitive habitats: Section 8.2.3 pp. 8.2-21–8.2-7.	YES	
Appendix B (g) (13) (H) (iii)	Species or habitats identified by legislative acts as requiring protection.	Listed species: Section 8.2.3 pp. 8.2-21–8.2-7. Table 8.2-3, pp. 8.2-22-26.	YES	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	LORS table: Section 8.2, Table 8.2-6, p. 8.2-28.	YES	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Agency jurisdiction/permit table: Section 8.2, Table 8.2-5, p. 8.2-28.	YES	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Discussion on conformity with LORS: Section 8.2.8, pp. 8.2-8-8.2-9. Table 8.2-1, pp. 8.2-15-8.2-17.	YES	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Agency contacts: Section 8.2, Table 8.2-5, p. 8.2-28.	YES	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Permit schedule: Section 8.2, Table 8.2-6, p. 8.2-28.	YES	

Adequacy Issue:	Adequate	Inadequate	x	DATA ADEQUACY WORKSHEET	Revision No.	01	Date	11/19/01
				(Six Month Expedited Process)				
Technical Area:	Biological Resources	Project:	Central Valley Energy Center	Technical Staff:	Tom Scofield and Rick York			
Project Manager:	Mathew Trask	Docket:	01-AFC-22	Technical Senior:	Jim Brownell			

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	LORS table: Section 8.2, Table 8.2-6, p. 8.2-28.	YES	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Discussion on conformity with LORS: Section 8.2.8, pp. 8.2-8-8.2-9. Table 8.2-1, pp. 8.2-15-8.2-17.	NO	Please provide documentation of the consultation process with the U. S. Fish and Wildlife Service concerning compliance with the Endangered Species Act, including a copy of the Biological Assessment that was sent to the to the USFWS and a letter from the USFWS indicating that the Biological Assessment has been accepted as data adequate. If the applicant enters an informal consultation process with the USFWS, please provide a letter from USFWS indicating that formal consultation is not required, and that the mitigation proposed in the draft Biological Assessment is adequate. Also please provide a schedule for completing the consultation process with the USFWS.
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A	YES	

Adequacy Issue:	Adequate	Inadequate	x	DATA ADEQUACY WORKSHEET	Revision No.	01	Date	11/19/01
				(Six Month Expedited Process)				
Technical Area:	Biological Resources			Project:	Central Valley Energy Center		Technical Staff:	Tom Scofield and Rick York
Project Manager:	<u>Mathew Trask</u>			Docket:	<u>01-AFC-22</u>		Technical Senior:	<u>Jim Brownell</u>

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	LORS table: Section 8.2, Table 8.2-6, p. 8.2-28.	YES	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			
§2022(b)(2)(F) (Biology)	A demonstration, based on appropriate data including, but not limited to, scientific surveys taken at the appropriate time of year, that the project will have no significant impact on wetlands, plant or animal species that are endangered, threatened, or of concern under state or federal law, or the areas listed in Public Resources Code section 25527;	Subsection 8.2, pp. – 8.2-1-8.2-28.	NO	Please provide documentation of the consultation process with the U. S. Fish and Wildlife Service concerning compliance with the Endangered Species Act, including a copy of the Biological Assessment that was sent to the to the USFWS and a letter from the USFWS indicating that the Biological Assessment has been accepted as data adequate. If the applicant enters an informal consultation process with the USFWS, please provide a letter from USFWS indicating that formal consultation is not required, and that the mitigation proposed in the draft Biological Assessment is adequate. Also please provide a schedule for completing the consultation process with the USFWS, and a list of species observed during any field surveys conducted for the Central Valley Energy Center project.

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 11/15/01

Technical Area: **Cultural Resources**

Project: Central Valley Energy Center

Technical Staff: Gary Reinoehl

Project Manager: Matthew Trask

Docket: 01-AFC-22

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.32, 8.3.2.5.2, 8.3.3, and 8.3.4	Yes	
Appendix B (g) (2) (A)	A brief summary of the ethnology, prehistory, and history of the region in which the project site and related facilities are located and maps at a scale of 1:24,000, indicating areas of ethnographic occupation. The region may vary depending on the extent of the territory occupied or used by prehistoric cultures indigenous to the area in which the project is located.	Section 8.3.2.2, 8.3.2.3, and 8.3.2.4 Figure 8.3-1	Yes	
Appendix B (g) (2) (B)	A description of all literature searches and field surveys used to provide information about known cultural resources in the project vicinity. If survey records of the area potentially physically affected by the project are not available, and the area has the potential for containing significant cultural resources, the applicant shall submit a new or revised survey for any portion of the area lacking comprehensive survey data. A discussion of the dates of the surveys, methods used in completing the surveys, and the identification and qualification of the individuals conducting the surveys shall be included.	Section 8.3.2.5.	No	<p>Please provide cultural resources surveys (archeological, ethnographic, historical and architectural) for the project area and the linears. The responsibility for the evaluation must be taken by persons meeting the Secretary of the Interior's Professional Qualification Standards in a discipline appropriate to the historic context within which the resource is being considered (OHP 1995). Identify and include descriptions of historic cultural resources (buildings, structures, objects, sites, and districts) within and adjacent to the project site, transmission lines, and roadways (within ½ mile that appear to be 45 or more years old).</p> <p>Please provide the qualifications of the individuals conducting the archeological, ethnographic, historical and architectural surveys.</p>

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 11/15/01

Technical Area: **Cultural Resources**

Project: Central Valley Energy Center

Technical Staff: Gary Reinoehl

Project Manager: Matthew Trask

Docket: 01-AFC-22

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (2) (C)	A discussion of the sensitivity of the project area described in subsection (g)(2)(A) and the presence and significance of any known archeological sites and other cultural resources that may be affected by the project. Information on the specific location of archeological resources shall be included in a separate appendix to the application and submitted to the Commission under a request for confidentiality pursuant to Title 20, California Code of Regulations, § 2501 et seq.	Section 8.3.2 Appendix 8.3A, B, C, and D (Confidential)	No	Please provide DPR Forms 523A, 523B, and 523J for the Helm Substation, the Panoche-McCall (Helm) transmission line, the Panoche-Kearney transmission line, the Helm-Kerman transmission line, and all other architectural/historic resources within ½ mile of the project area that are older than 45 years of age. Please provide DPR Forms 523A for all other architectural/historic resources within 100 feet of the water line, compressor station, and gas line.
Appendix B (g) (2) (D)	A summary of contacts and communications with, and responses from, Native American representatives who may have an interest in heritage lands and/or resources potentially affected by the proposed project.	Section 8.3.2.5.4 Appendix 8.3A	No	Please provide a summary of the response or lack of response from Native American representatives.
Appendix B (g) (2) (E)	In the discussion on mitigation and monitoring prepared pursuant to subsection (g)(1), a discussion of any educational programs proposed to enhance awareness of potential impacts to archeological resources by employees and contractors, measures proposed for mitigation of impacts to known cultural resources, and a set of contingency measures for mitigation of potential impacts to previously unknown cultural resources.	Section 8.3.5	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.3-1	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 11/15/01

Technical Area: **Cultural Resources**

Project: Central Valley Energy Center

Technical Staff: Gary Reinoehl

Project Manager: Matthew Trask

Docket: 01-AFC-22

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.3-5 Table 8.4-3	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.3.1 Table 8.3-1	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 8.3-5	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	N/A	N/A	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 00 Date 11/16/01

Technical Area: **Cultural Resources**

Project: Central Valley Energy Center

Technical Staff: Gary Reinoehl

Project Manager: Mathew Trask

Docket: 01-AFC-22

Technical Senior: Dale Edwards

(Six Month Expedited Process)

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Table 8.3-1	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 8.3.1 Table 8.3-1	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A	N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	N/A	N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Efficiency**
 Project Manager: Mathew Trask

DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center (CVEC)
 Docket: 01-AFC-22

Revision No. 0 Date November 06, 2001
 Technical Staff: Shahab Khoshmashrab
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§§ 1.6.4, 2.2.6, 2.2.16, 9.5, 10.3 Figures 2.2-5a, 2.2-5b	Yes	
Appendix B (i) (4) (A)	Heat and mass balance diagrams for design conditions for each mode of operation.	Figures 2.2-5a, 2.2-5b	Yes	
Appendix B (i) (4) (B)	Annual fuel consumption in BTUs for each mode of operation.	§§ 2.2.6, 10.3	Yes	
Appendix B (i) (4) (C)	Annual net electrical energy produced in MWh for each mode of operation.	§ 10.3 Figures 2.2-5a, 2.2-5b	Yes	
Appendix B (i) (4) (D)	Number of hours the plant will be operated in each mode of operation in each year.	§§ 2.2.16, 10.3	Yes	
Appendix B (i) (4) (E)	If the project will be a cogeneration facility, calculations showing compliance with applicable efficiency and operating standards.	N/A	N/A	
Appendix B (i) (4) (F)	A discussion of alternative generating technologies available for the project, including the projected efficiency of each, and an explanation why the chosen equipment was selected over these alternatives.	§ 9.5	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	N/A	N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Efficiency
 Project Manager: Mathew Trask

DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center (CVEC)
 Docket: 01-AFC-22

Revision No. 0 Date November 06, 2001
 Technical Staff: Shahab Khoshmashrab
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	N/A	N/A	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	N/A	N/A	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	N/A	N/A	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	N/A	N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 00 Date November 05, 2001

Technical Area: **Efficiency**
Project Manager: **Mathew Trask**

Project: Central Valley Energy Center (CVEC)
Docket: 01-AFC-22

Technical Staff: Shahab Khoshmashrab
Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	N/A	N/A	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	N/A	N/A	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A	N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	N/A	N/A	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Facility Design**
 Project Manager: Mathew Trask

DATA ADEQUACY WORKSHEET

Revision No. 0 Date November 7, 2001
 Technical Staff: Steve Baker
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.	See Water Resources	N/A	
Appendix B (g) (14) (D) (i)	Precipitation and storm runoff patterns; and	See Water Resources	N/A	
Appendix B (g) (14) (D) (ii)	Drainage facilities and design criteria.	See Water Resources	N/A	
Appendix B (g) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	See Water Resources	N/A	
Appendix B (g) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.	See Water Resources	N/A	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	§§ 6.4, 10.4.1; Appendices 10A, 10B, 10C, 10D	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 10.5-1	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	§§ 2.3.1, 6.4, 10.4.1, 10.6; Appendices 10A, 10B, 10C, 10D, 10G	Yes	
Appendix B (h) (3)	The name, title, telephones number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 10.5-1	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Facility Design**
 Project Manager: Mathew Trask

DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center
 Docket: 01-AFC-22

Revision No. 0 Date November 7, 2001
 Technical Staff: Steve Baker
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	§ 10.6	Yes	
Appendix B (i) (1) (A)	A description of the site conditions and investigations or studies conducted to determine the site conditions used as the basis for developing design criteria. The descriptions shall include, but not be limited to, seismic and other geologic hazards, adverse conditions that could affect the project's foundation, adverse meteorological and climatic conditions, and flooding hazards, if applicable.	§ 2.3.1; Appendix 10G	Yes	
Appendix B (i) (1) (B)	A discussion of any measures proposed to improve adverse site conditions.	Appendix 10G	Yes	
Appendix B (i) (1) (C)	A description of the proposed foundation types, design criteria (including derivation), analytical techniques, assumptions, loading conditions, and loading combinations to be used in the design of facility structures and major mechanical and electrical equipment.	Appendices 10A through 10G	Yes	
Appendix B (i) (1) (D)	For each of the following facilities and/or systems, provide a description including drawings, dimensions, surface-area requirements, typical operating data, and performance and design criteria for protection from impacts due to adverse site conditions:	—	—	
Appendix B (i) (1) (D) (i)	The power generation system;	§§ 1.1, 2.1, 2.2.2, 2.2.3, 2.2.4, 2.2.5; Appendices 10B, 10G	Yes	
Appendix B (i) (1) (D) (ii)	The heat dissipation system;	§§ 1.1, 2.2.2, 2.2.3, 2.2.8, 2.4.2.7, 2.4.2.8	Yes	
Appendix B (i) (1) (D) (iii)	The cooling water supply system, and, where applicable, pre-plant treatment procedures;	§§ 1.1, 2.1, 2.2.7, 2.4.4, 7.0; Appendices 7A, 7B	Yes	
Appendix B (i) (1) (D) (iv)	The atmospheric emission control system;	§§ 2.2.2, 2.2.4.1, 2.2.4.2, 2.4.2.1; Chapter 8.1	Yes	
Appendix B (i) (1) (D) (v)	The waste disposal system and on-site disposal sites;	§ 2.2.9; Chapter 8.13	Yes	

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: **Facility Design**
 Project Manager: Mathew Trask

DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center
 Docket: 01-AFC-22

Revision No. 0 Date November 7, 2001
 Technical Staff: Steve Baker
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (1) (D) (vii)	The geothermal resource conveyance and re-injection lines (if applicable);	N/A	N/A	
Appendix B (i) (1) (D) (viii)	Switchyards/transformer systems; and	§§ 2.2.5.1, 2.2.5.2, 2.2.14; Chapter 5.2	Yes	
Appendix B (i) (1) (D) (ix)	Other significant facilities, structures, or system components proposed by the applicant.	N/A	N/A	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 00 Date November 7, 2001

Technical Area: **Facility Design**

Project: Central Valley Energy Center

Technical Staff: Steve Baker

Project Manager: Mathew Trask

Docket: 01-AFC-22

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	§§ 6.4, 10.4.1; Appendices 10A, 10B, 10C, 10D, 10G	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	§§ 2.3.1, 6.4, 10.4.1, 10.6; Appendices 10I, 10B, 10C, 10D, 10G	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A	N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Table 10.5-1	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Geological Hazards**
 Project Manager: Mathew Trask

DATA ADEQUACY WORKSHEET

Revision No. 0 Date November 29, 2001
 Technical Staff: Patrick A. Pilling
 Technical Senior: Lynn Alexander

Project: Central Valley Energy Center
 Docket: 01-AFC-22

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.15.3.1 through 8.15.3.3, Pages 8.15-1 through 8.15-3; Section 8.15.3.4, Pages 8.15-3 through 8.15-4; Section 8.15.4, Pages 8.15-5 and 8.15-6; Section 8.15.5, Page 8.15-6; Appendix 10G-1; Figure 8.15-3	Yes	
Appendix B (g) (17) (A)	A summary of the geology, seismicity, and geologic resources of the project site and related facilities;	Section 8.15.3, Pages 8.15-1 through 8.15-4; Section 8.15.3.4.7, 8.15.3.4.8, and 8.15.3.4.9, Page 8.15-4; Figure 8.15-3	Yes	
Appendix B (g) (17) (B)	A map at a scale of 1:24,000 and description of all recognized stratigraphic units, geologic structures, and geomorphic features within 2 miles of the project site. Include an analysis of the likelihood of ground rupture, seismic shaking, mass wasting and slope stability, liquefaction, subsidence, and expansion or collapse of soil structures.	Figures 8.15-1 and 8.15-2; Section 8.15.3.4, Pages 8.15-3 through 8.15-4; Appendix 10G-1	Yes	
Appendix B (g) (17) (C)	A map and description of geologic resources of recreational, commercial, or scientific value which may be affected by the project. Include a discussion of the techniques used to identify and evaluate these resources.	Section 8.15.3.4.7 through 8.15.3.4.9, Page 8.15-4	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 8.15.2, Table 8.15-1, Page 8.15-1	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Geological Hazards**
 Project Manager: Mathew Trask

DATA ADEQUACY WORKSHEET

Revision No. 0 Date November 29, 2001
 Technical Staff: Patrick A. Pilling
 Technical Senior: Lynn Alexander

Project: Central Valley Energy Center
 Docket: 01-AFC-22

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Appendix 1F, Table 1F, Pages 1F-1 through 1F-4	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.15.2, Table 8.15-1, Page 8.15-1	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Appendix 1F, Table 1F, Pages 1F-1 through 1F-4	Yes	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 00 Date November 29, 2001

Technical Area: **Geological Hazards**

Project: Central Valley Energy Center

Technical Staff: Patrick A. Pilling

Project Manager: Mathew Trask

Docket: 01-AFC-22

Technical Senior: Lynn Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Page 8.15-1, Table 8.15-1	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Pages 8.15-6 to 8.15-7 Appendix 10G	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;		N/A	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate ☒ Inadequate**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date 11/16/01

Technical Area: **Hazardous Materials Handling**

Project: Central Valley Energy Center

Technical Staff: R. Tyler

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: R. Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.12	Yes	
Appendix B (g) (10) (A)	A list of all materials used or stored on-site which are hazardous or acutely hazardous, as defined in Title 22, California Code of Regulations, § 66261.20 et seq., and a discussion of the toxicity of each material.	Table 8.12-4	Yes	
Appendix B (g) (10) (B)	A map at a scale of 1:24,000 depicting the location of schools, hospitals, day-care facilities, emergency response facilities and long-term health care facilities, within the area potentially affected by any release of hazardous materials.	Figure 8.12-1	Yes	
Appendix B (g) (10) (C)	A discussion of the storage and handling system for each hazardous material used or stored at the site.	Section 8.12	Yes	
Appendix B (g) (10) (D)	The protocol that will be used in modeling potential consequences of accidental releases that could result in off site impacts. Identify the model(s) to be used, a description of all input assumptions, including meteorological conditions. The results of the modeling analysis can be submitted after the AFC is complete.	Section 8.12.5	Yes	
Appendix B (g) (10) (E)	A discussion of whether a risk management plan (Health and Safety Code § 25531 et seq.) will be required, and if so, the requirements that will likely be incorporated into the plan.	Section 8.12.8.4	Yes	
Appendix B (g) (10) (F)	A discussion of measures proposed to reduce the risk of any release of hazardous materials.	Section 8.12.8	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 11/16/01

Technical Area: **Hazardous Materials Handling**

Project: Central Valley Energy Center

Technical Staff: R. Tyler

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: R. Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (10) (G)	A discussion of the fire and explosion risks associated with the project.	Section 8.12.6	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.12-1	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 8.12-7	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.12-2	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 8.12.7	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	NA	NA	No permits are required

Adequacy Issue: Adequate _____ Inadequate **x**

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 00 Date 11/16/01

Technical Area: **Hazardous Materials**

Project: Central Valley Energy Center

Technical Staff: Rick Tyler

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Table 8.12-1	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 8.12	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A	N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	N/A	N/A	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate _____ Inadequate **x**

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 00 Date 11/16/01

Technical Area: **Hazardous Materials**

Project: Central Valley Energy Center

Technical Staff: Rick Tyler

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(G) (Hazardous Material)	With respect to the handling of hazardous materials, a demonstration that: i) the project will not use or store any regulated substance defined in Section 25532(g) of the California Health and Safety Code or ii) the project is eligible for Program 1 status pursuant to Section 68.10 of Part 68 of Title 40 of the Code of Federal Regulations or can demonstrate that no worst case accidental release would result in a plausibility (risk greater than 1 in 1,000,000) of an impact above the Emergency Response Planning Guideline, Level 2 (ERPG 2) at the nearest public receptor.	Section 8.12	Yes	
§2022(b)(2)(H) (Hazardous Material)	If the project will store or use a regulated substance defined in Section 25532(g) of the Health and Safety Code, a demonstration either that the boundary of the powerplant site will not be within 1000 feet of any residential area, school, general acute care hospital, long-term health care facility, or child day care facility as such terms are defined in section 25534.1 of the Health and Safety Code or that the project will pose no plausible potential for exposure at such facilities from an accidental release of the regulated substance; and	Section 8.12	Yes	
§2022(b)(2)(I) (Hazardous Material)	A demonstration that the proposed facility will not require storage of gaseous flammable or explosive materials in quantities greater than 25000 standard cubic feet;	Table 8.12-4	No	Table 8.12-4 indicates that hydrogen will be stored in quantities exceeding 25,000 standard cubic feet. Please verify this information.

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Land Use
 Project Manager: Mathew Trask

DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center
 Docket: 01-AFC-22

Revision No. 00 Date 11/29/2001
 Technical Staff: Michael Berman
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.4, Pages 8.4-4 to 8.4-15 Section 8.9, Pages 8.9-3 to 8.9-11	Yes	
Appendix B (g) (3) (A)	A discussion of existing land uses and current zoning at the site, land uses and land use patterns within one mile of the proposed site and within one-quarter mile of any project-related linear facilities. Include:	Section 8.4, Pages 8.4-6 to 8.4-7 and Figures 8.4-1 to 8.4-4	Yes	
Appendix B (g) (3) (A) (i)	An identification of residential, commercial, industrial, recreational, scenic, agricultural, natural resource protection, natural resource extraction, educational, religious, cultural, and historic areas, and any other area of unique land uses;	Section 8.1 Page 8.1-44 and Figure 8.6-1 Section 8.4, Page 8.4-8	Yes	
Appendix B (g) (3) (A) (ii)	A discussion of any trends in recent zoning changes and potential future land use development;	Section 8.4, Page 8.4-7	Yes	
Appendix B (g) (3) (A) (iii)	Identification of all discretionary reviews by public agencies initiated or completed within 18 months prior to filing the application for those changes or developments identified in subsection (g)(3)(A)(ii); and	Section 8.4, Pages 8.4-9 and 8.4-10	Yes	
Appendix B (g) (3) (A) iv)	Legible maps of the areas identified in subsection (g)(3)(A) potentially affected by the project, on which existing land uses, jurisdictional boundaries, general plan designations, specific plan designations, and zoning have been clearly delineated.	Section 8.4, Figures 8.4-1 to 8.4-4	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Land Use
 Project Manager: Mathew Trask

DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center
 Docket: 01-AFC-22

Revision No. 00 Date 11/29/2001
 Technical Staff: Michael Berman
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (3) (B)	A discussion of the compatibility of the proposed facilities with present and expected land uses, and conformity with any long-range land use plans adopted by any federal, state, regional, or local planning agency. The discussion shall identify the need, if any, for variances or any measures that would be necessary to make the proposal conform with permitted land uses	Section 8.4, Page 8.4-10 and 11	Yes	
Appendix B (g) (15) (B)	A map at a scale of 1:24,000 and written description of agricultural land uses found within all areas affected by the proposed project. The description shall include:	Section 8.9, Figure 8.9-2	Yes	
Appendix B (g) (15) (B) (i)	Crop types, irrigation systems, and any special cultivation practices; and	Section 8.4, Page 8.4-7	Yes	
Appendix B (g) (15) (B) (ii)	Whether farmland affected by the project is prime, of statewide importance, or unique as defined by the Natural Resource Conservation Service of the California Department of Conservation.	Section 8.9, Pages 8.9-9 to 8.9-10	Yes	
Appendix B (g) (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This decision shall include:	Section 8.4 Page 8.4-11 Section 8.9, Page 8.9-9	Yes	
Appendix B (g) (15) (C) (ii)	Direct and indirect effects on agricultural land uses; and	Section 8.4, Page 8.4-11 Section 8.9, Pages 8.9-9 to 8.9-11	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 8.4, Page 8.4-2 to 8.4-11 Table 8.4-6	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Land Use
 Project Manager: Mathew Trask

DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center
 Docket: 01-AFC-22

Revision No. 00 Date 11/29/2001
 Technical Staff: Michael Berman
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 8.4, Page 8.4-2	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.4, Pages 8.4-2 to 8.4-11	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 8.4, Page 8.4-2 Table 8.4-2	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 8.4, Page 8.4-2 Table 8.4-3	Yes	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 00 Date 11/29/2001

Technical Area: Land Use

Project: Central Valley Energy Center

Technical Staff: Michael Berman

Project Manager: Mathew Trask

Docket: 01-AFC-22

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Section 8.4 Page 8.4-2 Table 8.4-2	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 8.4, Page 8.4-12 Table 8.4-6 and Pages 8.4-10 and 8.4-11	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	Section 8.4, Page 8.4-9	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 8.4, Page 8.4-2	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate _____ Inadequate **x**
 Technical Area: **Noise**
 Project Manager: **Matt Trask**

DATA ADEQUACY WORKSHEET

Project: **Central Valley Energy Center**
 Docket: **01-AFC-22**

Revision No. **00** Date **November 12, 2001**
 Technical Staff: **Bill Thiessen**
 Technical Senior: **Buntin/Alexander**

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	pp. 8.5-1 to 8.5-14	Yes	
Appendix B (g) (4) (A)	A land use map which identifies residences, hospitals, libraries, schools, places of worship, or other facilities where quiet is an important attribute of the environment within the area impacted by the proposed project. The area impacted by the proposed project is that area where there is a potential increase of 5 dB(A) or more, during either construction or operation, over existing background levels.	Fig. 8.5-1	Yes	
Appendix B (g) (4) (B)	A description of the ambient noise levels at those sites identified under subsection (g)(4)(A) which the applicant believes provide a representative characterization of the ambient noise levels in the project vicinity, and a discussion of the general atmospheric conditions, including temperature, humidity, and the presence of wind and rain at the time of the measurements. The existing noise levels shall be determined by taking noise measurements for a minimum of 25 consecutive hours at a minimum of one site. Other sites may be monitored for duration at the applicant's discretion during the same 25-hour period. The results of the noise level measurements shall be reported in L_{eq} (equivalent sound or noise level), L_{dn} (day-night sound or noise level) or CNEL (Community Noise Equivalent Level) in units of dB(A). The L_{10} , L_{50} , and L_{90} values (noise levels exceeded 10 percent, 50 percent, and 90 percent of the time, respectively) shall also be reported.	pp. 8.5-6 and 8.8-7	Yes	
Appendix B (g) (4) (C)	A description of the major noise sources of the project, including the range of noise levels and the tonal and frequency characteristics of the noise emitted.	p. 8.5-12	Yes	

Adequacy Issue: Adequate _____ Inadequate **x**

DATA ADEQUACY WORKSHEET

Revision No. 00 Date November 12, 2001

Technical Area: **Noise**

Project: Central Valley Energy Center

Technical Staff: Bill Thiessen

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Buntin/Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (4) (D)	An estimate of the project noise levels, during both construction and operation, at residences, hospitals, libraries, schools, places of worship or other facilities where quiet is an important attribute of the environment, within the area impacted by the proposed project.	pp. 8.5-9 to 8.5-12	Yes	
Appendix B (g) (4) (E)	An estimate of the project noise levels within the project site boundary during both construction and operation and the impact to the workers at the site due to the estimated noise levels.	p. 8.5-11	Yes	
Appendix B (g) (4) (F)	The audible noise from existing switchyards and overhead transmission lines that would be affected by the project and estimates of the future audible noise levels that would result from existing and proposed switchyards and transmission lines. Noise levels shall be calculated at the property boundary for switchyards and at the edge of the rights-of-way for transmission lines.	p. 8.5-11	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	p. 8.5-5	No	Discussion of Fresno County Noise Ordinance and Noise Element standards is missing. Affected residences are in Fresno County.
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	p. 8.5-13	Yes	

Adequacy Issue: Adequate _____ Inadequate **x**
 Technical Area: **Noise**
 Project Manager: **Matt Trask**

DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center
 Docket: 01-AFC-22

Revision No. 00 Date November 12, 2001
 Technical Staff: Bill Thiessen
 Technical Senior: Buntin/Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	p. 8.5-12	No	Need analysis of conformity with Fresno County Noise Ordinance and Noise Element standards
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	p. 8.5-13	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	p. 8.5-14	Yes	

Adequacy Issue: Adequate _____ Inadequate **x**

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 00 Date November 12, 2001

Technical Area: **Noise**

Project: Central Valley Energy Center

Technical Staff: Bill Thiessen

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Buntin/Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	p. 8.5-4	No	Fresno County Noise Ordinance and Noise Element standards are missing. Affected residences are in Fresno County.
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	p. 8.5-12	No	No demonstration that project will comply with Fresno County requirements.
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	p. 8.5-14	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	p. 8.5-14	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Paleontological Resources
 Project Manager: Mathew Trask

DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center
 Docket: 01-AFC-22

Revision No. 0 Date November 29, 2001
 Technical Staff: Patrick A. Pilling
 Technical Senior: Lynn Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.16.3, Pages 8.16-3 and 8.16-4; Section 8.16.3.5.2, Pages 8.16-9 and 8.16-10; Section 8.16.4.2, Page 8.16-3; Section 8.16.5, Page 8.16-3; Section 8.16.6, Page 8.16-4	Yes	
Appendix B (g) (16) (A)	Identification of the physiographic province and a brief summary of the geologic setting, formations, and stratigraphy of the project area. The area may vary depending on the depositional history of the area.	Section 8.16.3, Pages 8.16-3 and 8.16-4; Section 8.16.3.5, Pages 8.16-7 through 8.16-10	Yes	
Appendix B (g) (16) (B)	A discussion of the sensitivity of the project area described in subsection (g)(16)(A) and the presence and significance of any known paleontologic localities or other paleontologic resources within or adjacent to the project.	Section 8.16.3.4.1, Page 8.16-7; Section 8.16.3.5.3, Pages 8.16-10 through 8.16-12	Yes	
Appendix B (g) (16) (C)	A summary of all literature searches and field surveys used to provide information about paleontologic resources in the project area described in subsection (g)(16)(A). Identify the dates of the surveys, methods used in completing the surveys, and the names and qualifications of the individuals conducting the surveys.	Section 8.16.3.3, Pages 8.16-4 and 8.16-5; Section 8.16.3.5.3, Pages 8.16-10 through 8.16-12; Section 8.16.9, Pages 8.16-15 through 8.16-19	Yes	
Appendix B (g) (16) (D)	Information on the specific location of known paleontologic resources, survey reports, locality records, and maps at a scale of 1:24,000, shall be included in a separate appendix to the Application and submitted to the Commission under a request for confidentiality, pursuant to Title 20, California Code of Regulations, § 2501 et seq.	Section 8.16.3.5.3, Pages 8.16-10 through 8.16-12; Appendix 8.16A	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Paleontological Resources
 Project Manager: Mathew Trask

DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center
 Docket: 01-AFC-22

Revision No. 0 Date November 29, 2001
 Technical Staff: Patrick A. Pilling
 Technical Senior: Lynn Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (16) (E)	A discussion of any educational programs proposed to enhance awareness of potential impacts to paleontological resources by employees, measures proposed for mitigation of impacts to known paleontologic resources, and a set of contingency measures for mitigation of potential impacts to currently unknown paleontologic resources.	Section 8.16.6, Page 8.16-14	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 8.16.2.1, Table 8.16-1, Page 8.16-2	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.		N/A	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.16.2, Pages 8.16-1 and 8.16-2	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.		N/A	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.		N/A	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 00 Date November 29, 2001

Technical Area: Paleontological Resources
 Project Manager: Mathew Trask

Project: Central Valley Energy Center
 Docket: 01-AAFC-22

Technical Staff: Patrick A. Pilling
 Technical Senior: Lynn Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Page 8.16-1, Table 8.16-1	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Pages 8.16-1 to 8.16-2	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;		N/A	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 11/16/01

Technical Area: **Project Overview**

Project: Central Valley Energy Center

Technical Staff: Matt Trask

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Cal. Code Regs., tit. 20, § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Section 1.0 pg. 1-1 through 1-6	Yes	
Cal. Code Regs., tit. 20, § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Section 2.0 pg. 2-1 to 2-26 Volume 2 Appendices	Yes	
Cal. Code Regs., tit. 20, § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference	Section 5.0, pg. 5-20 Section 7.0 pg. 7-10	Yes	
Cal. Code Regs., tit. 20, § 1704, (a) (4)	Each principal subject area covered in a notice or application shall be set forth in a separate chapter or section, each of which shall identify the person or persons responsible for its preparation.	Appendix 1C	Yes	
Appendix B (a) (1) (A)	A general description of the proposed site and related facilities, including the location of the site or transmission routes, the type, size and capacity of the generating or transmission facilities, fuel characteristics, fuel supply, water supply, pollution control systems, and other general characteristics.	Section 2.0 pg. 3-2 -26	Yes	
Appendix B (a) (1) (B)	Identification of the location of the proposed site and related facilities by section, township, range, county and assessors parcel numbers.	Section 1.1 pg. 1-1	Yes	
Appendix B (a) (1) (C)	A description of and maps depicting the region, the vicinity, and the site and its immediate surroundings.	Section 1.0 Figures 1.1-1, 1.1-2, 1.1-3 Section 2.0 Figures 2.1-1, 2.2-1, 2.2-3	Yes	
Appendix B (a) (1) (D)	A full-page color photographic reproduction depicting the visual appearance of the site prior to construction, and a full-page color simulation or artist's rendering of the site and all project components at the site, after construction.	Figures 1.1-4 and 1.1-5	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 11/16/01

Technical Area: **Project Overview**

Project: Central Valley Energy Center

Technical Staff: Matt Trask

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (a) (1) (E)	In an appendix to the application, a list of current assessor's parcel numbers and owners' names and addresses for all parcels within 500 feet of the proposed transmission line and other linear facilities, and within 1000 feet of the proposed powerplant and related facilities.	Appendix 1B	Yes	
Appendix B (a) (2)	Project Schedule: Proposed dates of initiation and completion of construction, initial start-up, and full-scale operation of the proposed facilities.	Sections 2.2.15 and 2.2.16 pg. 2-17 through 2-19	Yes	
Appendix B (a) (3) (A)	A list of all owners and operators of the site(s), the power plant facilities, and, if applicable, thermal host, the geothermal leasehold, the geothermal resource conveyance lines, and the geothermal re-injection system, and a description of their legal interest in these facilities.	Section 1.3 pg. 1-3 Appendix 1A	Yes	
Appendix B (a) (3) (B)	A list of all owners and operators of the proposed electric transmission facilities.	Section 1.3.2 pg. 1-3	Yes	
Appendix B (a) (3) (C)	A description of the legal relationship between the applicant and each of the persons or entities specified in subsections (a)(3)(A) and (B).	Section 1.3.2 pg. 1-3	Yes	
Appendix B (b) (1) (A)	Maps at a scale of 1:24,000 (1" = 2000'), along with an identification of the dedicated leaseholds by section, township, range, county, and county assessor's parcel number, showing the proposed final locations and layout of the power plant and all related facilities;	Figures 2.1-1, 2.2-3; Section 1.1; Separate maps provided by the applicant	Yes	
Appendix B (b) (1) (B)	Scale plan and elevation drawings depicting the relative size and location of the power plant and all related facilities;	Figures 2.2-1 and 2.2-2	Yes	
Appendix B (b) (1) (C)	A detailed description of the design, construction and operation of the facilities, specifically including the power generation, cooling, water supply and treatment, waste handling and control, pollution control, fuel handling, and safety, emergency and auxiliary systems, and fuel types and fuel use scenarios; and	Section 2.2 (all) pg. 2-1 through 2-18 Section 2.3 (all) pg. 2-19 Section 2.4 (all) pg. 2-20 through 2-24	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Project Overview**
 Project Manager: Matt Trask

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 11/16/01
 Technical Staff: Matt Trask
 Technical Senior: Paul Richins

Project: Central Valley Energy Center
 Docket: 01-AFC-22

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (2) (A)	Maps at a scale of 1:24,000 of each proposed transmission line route, showing the settled areas, parks, recreational areas, scenic areas, and existing transmission lines within one mile of the proposed route(s).	Figure 2.2-3	Yes	
Appendix B (b) (2) (B)	A full-page color photographic reproduction depicting a representative above ground section of the transmission line route prior to construction and a full-page color photographic simulation of that section of the transmission line route after construction.	Figures 8.11-3a, 8.11-3b, 8.11-3c, 8.11-4a, 8.11-4b, 8.11-5a, and 8.11-5b	Yes	
Appendix B (c)	In a section entitled, "Demand Conformance" provide a discussion explaining how the proposed project conforms with the requirements of Public Resources Code § 25524 or Public Resources Code § 25540.6(a)(5). If the provisions of Public Resources Code § 25523.5 are applicable, explain how the project conforms with the requirements of this section. Additional data adequacy requirements may be contained in the Electricity Report applicable pursuant to Title 20, California Code of Regulations, § 1720.5.			Not Applicable
Appendix B (d) (1)	A copy of any study or analysis required by the terms of the Commission's Final Decision on the NOI, and a brief summary of the results of the study or analysis.			Not Applicable
Appendix B (d) (2)	Updates of any significant information which has changed since the Commission's Final Decision on the NOI.			Not Applicable
Appendix B (e) (1)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	Section 4.1	Yes	

Adequacy Issue: Adequate Inadequate **X**

Technical Area: **Project Overview**

Project Manager: **Matt Trask**

DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 00 Date 11/16/01

Project: Central Valley Energy Center Technical Staff: Matt Trask

Docket: 01-AFC-22 Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Appendices 1D and 1E	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 8.0, Appendix 1D	Yes	
§2022(b)(5)	The following information to demonstrate that the project, if certified, is likely to be constructed and operated;			
§2022(b)(5)(A) (Project Description)	Information demonstrating the applicant's control, by ownership, lease, option, or other legally binding agreement, that the Commission finds acceptable, of the proposed site and	Section 1.0, pg. 1-1	No	Please provide documentation for the "purchase option" referenced on page 1-1.

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date November 7, 2001

Technical Area: **Public Health**

Project: Central Valley Energy Center

Technical Staff: Alvin Greenberg

Project Manager: Mathew Trask

Docket: 01-AFC-22

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sec. 8.6.2 Sec. 8.6.3 Sec. 8.6.4 Sec. 8.1.7 Appendix 8.1C Appendix 8.1D Appendix 8.1G	YES	
Appendix B (g) (9) (A)	A list of all toxic substances emitted by the project under normal operating conditions, which may cause an adverse public health impact as a result of acute, chronic, or sub-chronic exposure and to which members of the public may be exposed. This list should include, at a minimum, any pollutants emitted by the project that are listed pursuant to Health and Safety Code § 25249.8.	Table 8.6-3 Table 8.6-4	YES	
Appendix B (g) (9) (B)	A protocol describing the analysis which the applicant will conduct to determine the extent of potential public exposure to substances identified in subsection (g)(9)(A) resulting from normal facility operation. The analysis itself can be submitted after the AFC is complete.	Sec. 8.6.3.2 Appendix 8.1B Appendix 8.1C	YES	
Appendix B (g) (9) (C)	A map at a scale of 1:24,000, showing all terrain areas exceeding the elevation of the stack within a 10 mile radius of the facility.	submitted under separate cover	YES	
Appendix B (g) (9) (D)	A map at a scale of 1:24,000, showing the distribution of population and sensitive receptors within the area exposed to the substances identified in subsection (g)(9)(A).	Figure 8.6-1 Figure 8.1-1	YES	

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date November 7, 2001

Technical Area: **Public Health**

Project: Central Valley Energy Center

Technical Staff: Alvin Greenberg

Project Manager: Mathew Trask

Docket: 01-AFC-22

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.6-1 Sec. 8.6.1 Appendix 1D Appendix 1E	YES	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.6-1	YES	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Table 8.6-1 Sec. 8.6	YES	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	table 8.6-2	YES	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.		N/A	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 0 Date November 7, 2001

Technical Area: **Public Health**

Project: Central Valley Energy Center

Technical Staff: Alvin Greenberg

Project Manager: Mathew Trask

Docket: 01-AFC-22

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Table 8.6-1 Appendix 1D	YES	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Sec. 8.6.1 Table 8.6-1	YES	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A		
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Table 8.6-1 Appendix 1E	YES	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 0 Date November 7, 2001

Technical Area: **Public Health**

Project: Central Valley Energy Center

Technical Staff: Alvin Greenberg

Project Manager: Mathew Trask

Docket: 01-AFC-22

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(D) (Air Quality, Public Health)	A modeling analysis that identifies the extent of potential public exposure to toxic substances, as identified in subsection (g)(9)(A) of Appendix B, resulting from normal facility operation;	Sec. 8.6.3.2 Table 8.6-4 Appendix 8.1B Appendix 8.1C	YES	
§2022(b)(4) (Any area that addresses disproportionate impacts; environmental justice)	A discussion of the potential for disproportionate impacts from the project on minority or low-income people; such discussion shall include, but not be limited to, all of the following:			
§2022(b)(4)(C) (Public Health)	Identification of available health studies concerning the potentially affected population(s) within a six-mile radius of the proposed power plant site;	N/A for this project		

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: **Reliability** _____
 Project Manager: Mathew Trask _____

DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center (CVEC)
 Docket: 01-AFC-22

Revision No. 0 Date November 06, 2001
 Technical Staff: Shahab Khoshmashrab
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§§ 1.1, 1.3.2, 2.1, 2.2.2, 2.2.3, 2.2.4, 2.2.4.4, 2.2.5.1 through 2.2.5.4, 2.2.6 through 2.2.13, 2.2.16, 2.3.1, 2.4.1, 2.4.2, 2.4.2.2, through 2.4.2.9, 2.4.3, 2.4.4, 2.4.5, 2.4.5.2, 6.0, 7.0, 8.13.4, 8.13.5, 8.14, 8.14.2.3, 8.14.3.1, 8.14.4, 8.14.5.6, 10.2.2 Appendices 6A, 7A, 10F.3.1	Yes	
Appendix B (i) (3) (A)	A discussion of the sources and availability of the fuel or fuels to be used over the estimated service life of the facilities.	§§ 1.1, 1.3.2, 2.1, 2.4.3, 6.0, 10.2.1	Yes	
Appendix B (i) (3) (B)	A discussion of the anticipated service life and degree of reliability expected to be achieved by the proposed facilities based on a consideration of:			
Appendix B (i) (3) (B) (i)	Expected annual and lifetime capacity factors;	§§ 2.2.2, 2.2.16, 2.4.1, 10.2.2	Yes	
Appendix B (i) (3) (B) (ii)	The demonstrated or anticipated feasibility of the technologies, systems, components, and measures proposed to be employed in the facilities, including the power generation system, the heat dissipation system, the water supply system, the reinjection system, the atmospheric emission control system, resource conveyance lines, and the waste disposal system;	§§ 1.1, 1.3.2, 2.1, 2.2.2, 2.2.3, 2.2.4, 2.2.6 through 2.2.11, 8.13.4, 8.13.5, 10.2.2 Appendices 6A, 7A	Yes	
Appendix B (i) (3) (B) (iii)	Geologic and flood hazards, meteorologic conditions and climatic extremes, and cooling water availability;	§§ 1.1, 2.1, 2.2.7, 2.3.1, 2.4.4, 7.0, 8.14, 8.14.2.3, 8.14.3.1, 8.14.4, 8.14.5.6, 10.2.2 Appendix 10F.3.1	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Reliability
 Project Manager: Mathew Trask

DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center (CVEC)
 Docket: 01-AFC-22

Revision No. 0 Date November 06, 2001
 Technical Staff: Shahab Khoshmashrab
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (3) (B) (iv)	Special design features adopted by the applicant or resource supplier to ensure power plant reliability; and	§§ 2.2.4.4, 2.2.5.1 through 2.2.5.4, 2.2.12, 2.2.13, 2.4.2, 2.4.2.2 through 2.4.2.9, 2.4.5, 2.4.5.2, 10.2.2	Yes	
Appendix B (i) (3) (B) (v)	The expected power plant maturation period.	§§ 2.4.1, 10.2.2	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	N/A	N/A	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	N/A	N/A	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	N/A	N/A	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	N/A	N/A	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	N/A	N/A	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 11-9-01

Technical Area: **Socioeconomics**

Project: Central Valley Energy Center

Technical Staff: James Adams

Project Manager: Mathew Trask

Docket: 01-AFC-22

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Pg. 1-6, Section 1.6.2 & 3 PP. 8.8-1 through 22	Yes	
Appendix B (g) (7) (A)	A description of the socioeconomic circumstances of the vicinity and region affected by construction and operation of the project. Include:	PP. 8.8-3 through 11 Section 8.8-3	Yes	
Appendix B (g) (7) (A) (i)	The economic characteristics, including the economic base, fiscal resources, and a list of the applicable local agencies with taxing powers and their most recent and projected revenues;	PP. 8.8-5 through 8 Tables 8.8-9, 10 Sections 8.8.3.3 & 4	Yes	
Appendix B (g) (7) (A) (ii)	The social characteristics, including population and demographic and community trends;	PP. 8.3-3 & 4 Tables 8.8-2, 3, 4, 5 Section 8.8.3.1 PP. 8.8A-1 through 5 Appendix 8.8A Figure 8.8A-1 Attachment 8.8A-2 Figure 8.8A-2	Yes	
Appendix B (g) (7) (A) (iii)	Existing and projected unemployment rates;	PP. 8.8-5 Tables 8.8-7 & 8 Section 8.8.3.3	Yes	
Appendix B (g) (7) (A) (iv)	Availability of skilled workers by craft required for construction and operation of the project;	PP. 8.8-11 through 14 Tables 8.8-12 & 13 Section 8.8.4.3.1	Yes	

Adequacy Issue: Adequate _____ Inadequate **X****DATA ADEQUACY WORKSHEET**

Revision No. 0 Date 11-9-01

Technical Area: **Socioeconomics**

Project: Central Valley Energy Center

Technical Staff: James Adams

Project Manager: Mathew Trask

Docket: 01-AFC-22

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (A) (v)	Availability of temporary and permanent housing; and	PP. 8.8-4 & 5 Table 8.8-6 Section 8.8.3.2 PP. 8.8-14 & 15	Yes	
Appendix B (g) (7) (A) (vi)	Capacities, existing and expected use levels, and planned expansion of utilities (gas, water and waste) and public services, including fire protection, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information for each school district shall include current enrollment and yearly expected enrollment by grade level groupings, excluding project-related changes, for the duration of the project construction schedule.	PP. 8.8-9 & 10 Section 8.8.3.6 PP. 8.8-8 & 9 Table 8.8-11 Section 8.8.3.5	Yes	
Appendix B (g) (7) (B)	A discussion of the socioeconomic impacts caused by the construction and operation of the project, including:	PP. 8.8-11 through 19	Yes	
Appendix B (g) (7) (B) (i)	The number of workers to be employed each month by craft during construction and operation;	PP. 8.8-11 & 12 Table 8.8-12 Section 8.8.4.3.1 PP. 8.8-16 & 17 Table 8.8-15	Yes	
Appendix B (g) (7) (B) (ii)	An estimate of the number and percentage of workers who will commute daily, commute weekly, or relocate in order to work on the project;	PP. 8.8-14 & 15 Section 8.8.4.3.3 PP. 8.8-16 & 17 Section 8.8.4.4.1	Yes	
Appendix B (g) (7) (B) (iii)	An estimate of the potential population increase caused directly and indirectly by the project;	Pg. 8.8-14 Section 8.8.4.3.2 Pg. 8.8-17 Section 8.8.4.4.2	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 11-9-01

Technical Area: **Socioeconomics**

Project: Central Valley Energy Center

Technical Staff: James Adams

Project Manager: Mathew Trask

Docket: 01-AFC-22

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (B) (iv)	The potential impact of population increase on housing during the construction and operations phases;	Pg. 8.8-14 Section 8.8.4.3.3 Pg. 8.8-17 Section 8.8.4.4.3	Yes	
Appendix B (g) (7) (B) (v)	The potential impacts, including additional costs, on utilities (gas, water and waste) and public services, including fire, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information on schools shall include project-related enrollment changes by grade level groupings and associated facility and staffing impacts by school district during the construction and operation phases;	Pg. 8.8-16 Section 8.8.4.3.7 Pg. 8.8-19 Section 8.8.4.4.7	No	Please provide information on schools which includes project-related enrollment changes by grade level groupings and associated facility and staffing impacts by school district during the construction and operation phases.
Appendix B (g) (7) (B) (vi)	An estimate of applicable school impact fees;	Pg. 8.8-19 Section 8.8.4.4.6	Yes	
Appendix B (g) (7) (B) (vii)	An estimate of the total construction payroll and an estimate of the total operation payroll;	Pg. 8.8-15 Section 8.8.4.3.4 Pg. 8.8-17 Section 8.8.4.4.4	Yes	
Appendix B (g) (7) (B) (viii)	An estimate of the expenditures for locally purchased materials for the construction and operation phases of the project; and	Pg. 8.8-15 Section 8.8.4.3.4 Pg. 8.8-17 Section 8.8.4.4.4	Yes	
Appendix B (g) (7) (B) (ix)	An estimate of the capital cost of the project and the potential impacts on tax revenues from construction and operation of the project.	Pg. 8.8-16 Section 8.8.4.3.5 Pg. 8.8-18 Section 8.8.4.4.5	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 11-9-01

Technical Area: **Socioeconomics**

Project: Central Valley Energy Center

Technical Staff: James Adams

Project Manager: Mathew Trask

Docket: 01-AFC-22

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Pg. 8.8-2 Table 8.8-1 Section 8.8.2	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Pg. 8.8-21 Table 8.8-16 Section 8.8.2	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Pg. 8.8-1 Section 8.8.1 & 2	No	Please provide a discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	PP. 8.8-20 & 21 Section 8.8.8	Yes	
Appendix (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Pg. 8.8-21 Section 8.8.9	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 0 Date 11-9-01

Technical Area: _____
Socioeconomics

Project: Central Valley Energy Center

Technical Staff: James Adams

Project Manager: Mathew Trask

Docket: 01-AFC-22

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Pg. 8.8-2, Table 8.8-1 Section 8.8.2	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;		No	Please provide information demonstrating that the project as proposed in the application will comply with all applicable standards, ordinances, and laws, such as those listed in Table 8.8-1
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/a	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Pg. 8.8-21 Section 8.8.9	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 0 Date 11-9-01

Technical Area: _____
Socioeconomics

Project: Central Valley Energy Center

Technical Staff: James Adams

Project Manager: Mathew Trask

Docket: 01-AFC-22

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(B) (TSE/FD)	A full description of the facilities, if any, that are required for interconnection, including all such facilities beyond the point where the outlet line joins with the interconnected system and a full description of the environmental setting, environmental impacts, and any recommended mitigation measures proposed by the applicant for any required facilities beyond the point where the outlet joins with the interconnected system;		N/A	
§2022(b)(4) (Any area that addresses disproportionate impacts; environmental justice)	A discussion of the potential for disproportionate impacts from the project on minority or low-income people; such discussion shall include, but not be limited to, all of the following:			
§2022(b)(4)(A) (Land Use, Socioeconomics)	Demographic information by census tract, based on the most recent census data available, showing the number and percentage of minority populations and people living below the poverty level within six miles of the proposed site;	PP. 8.3-3 & 4 Tables 8.8-2, 3, 4, 5 Section 8.8.3.1 PP. 8.8A-1 through 5 Appendix 8.8A Figure 8.8A-1 Attachment 8.8A-2 Figure 8.8A-2	Yes	
§2022(b)(4)(B) (Land Use, Socioeconomics)	One or more maps at a scale of 1:24,000 showing the distribution of minority populations and low-income populations and significant pollution sources within six miles of the proposed site, such as those permitted by the U.S. Environmental Protection Agency (Toxic Release Inventory sites), the local air quality management district, or the California Department of Toxic Substances Control; and	Appendix 8.8A Figure 8.8A-1 Attachment 8.8A-2 Figure 8.8A-2	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**Technical Area: **Soils**

Project Manager: Mathew Trask

DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center (CVEC)

Docket: 01-AFC-22

Revision No. _____ Date 11/13/01

Technical Staff: Joe Crea

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.9.3,p.8.9-3– 8 Section 8.9.4,p.8.9-8 – 10 Section 8.9.4.5,p.8.9-10 – 11 Section 8.9.5,p.8.9-11 Section 1.1,p.1-1 Section 2.1,p.2-1	No	Please submit a thorough discussion on the specific current and foreseeable future cumulative impacts related to erosion and sedimentation. Appendices 8.2 – B, 8.13 – A and Section 1.1 of the AFC indicate conflicting information regarding total existing acreage vs. the total amount of earth disturbance and permanent acreage altered by the CVEC. Please provide consistency throughout the AFC.
Appendix B (g) (15) (A)	A map at a scale of 1:24,000 and written description of soil types and all agricultural land uses that will be affected by the proposed project. The description shall include:	Figures 8.9-1a – 8.9-1e Table 8.9-2	No	Provide legible mapping that identifies all linear facilities (i.e. domestic water and sanitary sewer lines) with respect to the soil types to be impacted during construction and operation of the project. Figure 8.9-2 “Important Farmland Mapping” does not show the types of farmland for the entire natural gas pipeline route west of Fresno Slough. Also, Section 8.9.3.5 indicates that this mapping is not covered east of the Fresno slough. Please provide further clarification.
Appendix B (g) (15) (A) (i)	The depth, texture, permeability, drainage, erosion hazard rating, and land capability class of the soil; and	Table 8.9-2	No	As per the NRCS Official Soil Series Descriptions website, the Playas soil series does not exist. Please refer to a hardcopy of the soil survey and provide the appropriate soil series (PI) accompanied by a summary of its properties. It appears that the data provided for the Merced Soil Series (90A, p.8.9-5) differs from the data for the Merced Soil Series on p.8.9-6. Please provide further clarification.
Appendix B (g) (15) (A) (ii)	An identification of other physical and chemical characteristics of the soil necessary to allow an evaluation of soil erodibility, permeability, re-vegetation potential, and cycling of pollutants in the soil-vegetation system.	Table 8.9-2	No	Please refer to Appendix B (g) (15) (A) (i).

Adequacy Issue: Adequate _____ Inadequate **X**Technical Area: **Soils**

Project Manager: Mathew Trask

DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center (CVEC)

Docket: 01-AFC-22

Revision No. _____ Date 11/13/01

Technical Staff: Joe Crea

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This discussion shall include:			
Appendix B (g) (15) (C) (i)	The quantification of accelerated soil loss due to wind and water erosion;	Section 8.9.3.6p.8.9-8	N/A	
Appendix B (g) (15) (C) (iii)	The effect of power plant emissions on surrounding soil-vegetation systems.	Section 8..4.4,p.8.9-10	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Tables 8.9-1 & 1D	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Tables 8.9-1 & 8.9-3 Tables 1E & 1D	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Table 8.9-1 Table 1D Sections 8.9.2.1,p.8.9-1 & 8.9.4.2,p.8.9-9 Section 8.9.2.2,p.8.9-1 Section 8.9.2.3,p.8.9-2	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 8.9-3 Tables 1E and 1F	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 8.9-3 Table 1E	Yes	

Adequacy Issue: Adequate ☐ Inadequate ☒

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 11/05/01

Technical Area: **Traffic and Transportation**

Project: Central Valley Energy Center

Technical Staff: David Young

Project Manager: Mathew Trask

Docket: 01-AFC-22

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Throughout entire Traffic and Transportation Section of AFC. Pages 8.10-1 through 8.10-18	Yes	
Appendix B (g) (5) (A)	A regional transportation setting, on topographic maps (scale of 1:250,000), identifying the project location and major transportation facilities. Include a reference to the transportation element of any applicable local or regional plan.	Page 8.10-20 Figure 8.10-1	No	Please provide a <u>legible</u> topographic map at required scale of 1:250,000 with all requirements listed in Appendix B (g) (5) (A) . Please label the major roads surrounding the site, and consider providing a color version for clarity.
Appendix B (g) (5) (B)	An identification, on topographic maps at a scale of 1:24,000 and a description of existing and planned roads, rail lines, including light rail, bike trails, airports, bus routes serving the project vicinity, pipelines, and canals in the project area affected by or serving the proposed facility. For each road identified, include the following information, where applicable:	Page 8.10-20 Figure 8.10-1	No	Please provide a topographic map with scale of 1:24,000, with <u>all listed requirements in the vicinity of the project</u> . Include all proposed linear facilities routes on map.
Appendix B (g) (5) (B) (i)	Road classification and design capacity;	Page 8.10-13 Table 8.10-7	Yes	
Appendix B (g) (5) (B) (ii)	Current daily average and peak traffic counts;	Page 8.10-13 Table 8.10-7	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**
 Technical Area: **Traffic and Transportation**
 Project Manager: **Mathew Trask**

DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center
 Docket: 01-AFC-22

Revision No. 0 Date 11/05/01
 Technical Staff: David Young
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (5) (B) (iii)	Current and projected levels of service before project development, during construction, and during project operation;	Page 8.10-13 Table 8.10-7 Page 8-10-14 Section 8.10.4.2.1 Page 8.10-15 Section 8.10.4.3 Page 8.10-17 Section 8.10.5 Page 8.10-7 Section 8.10.3.1	Yes	
Appendix B (g) (5) (B) (iv)	Weight and load limitations;	Page 8.10-2 Section 8.10.2.2 Page 8.10-9 Section 8.10.3.2	Yes	
Appendix B (g) (5) (B) (v)	Estimated percentage of current traffic flows for passenger vehicles and trucks; and	Page 8.10-8 Table 8.10-3	Yes	
Appendix B (g) (5) (B) (vi)	An identification of any road features affecting public safety.	Page 8.10-10 Section 8.10.3.3.2	Yes	
Appendix B (g) (5) (C)	A description of any new, planned, or programmed transportation facilities in the project vicinity, including those necessary for construction and operation of the proposed project. Specify the location of such facilities on topographic maps at a scale of 1:24,000.	Page 8.10-10 and 8.10-11 Section 8.10.3.4.1 and 8.10.3.4.2 Figure 8.10-3	Yes	
Appendix B (g) (5) (D)	An assessment of the construction and operation impacts of the proposed project on the transportation facilities identified. Include anticipated project-specific traffic, estimated changes to daily average and peak traffic counts, levels of service, and traffic/truck mix, and the impact of construction of any facilities identified in subsection (g)(5)(C).	Page 8.10-11 Section 8.10.3.4.2	Yes	

Adequacy Issue: Adequate ☐ Inadequate ☒

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 11/05/01

Technical Area: **Traffic and Transportation**

Project: Central Valley Energy Center

Technical Staff: David Young

Project Manager: Mathew Trask

Docket: 01-AFC-22

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (5) (E)	A discussion of project-related hazardous materials to be transported to or from the project during construction and operation of the project, including the types, estimated quantities, estimated number of trips, anticipated routes, means of transportation, and any transportation hazards associated with such transport.	Page 8.10-14 Section 8.10.4.2.1 Page 8.10-15 and 8.10-16 Section 8.10.4.3	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Page 8.10-5 Table 8.10-2	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Page 8.10-18 Table 8.10-2	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Page 8.10-5 Table 8.10-2	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 8.4, p.8.4-2	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Page 8.10-17 through 8.10-18 Table 8.10-9	Yes	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 00 Date 11/07/01

Technical Area: **Traffic and Transportation**

Project: Central Valley Energy Center

Technical Staff: David Young

Project Manager: Mathew Trask

Docket:

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Page 8.10-5 Table 8.10-2 Page 8.10-4 Section 8.10.2.4	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Page 8.10-5 Table 8.10-2 Page 8.10-4 Section 8.10.2.4	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	Nothing mentioned in AFC relevant to Traffic and Transportation. After discussion with local agencies, no change in LORS expected.	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Page 8.10-17 Section 8.10.7 Page 8.10-18 Table 8.10-9	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **T-Line Safety and Nuisance.**
 Project Manager: Mathew Trask

DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center
 Docket: 01-AFC-22

Revision No. _____ Date November 9, 2001
 Technical Staff: Obed Odoemelam
 Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (18) (A)	The locations and a description of the existing switchyards and overhead and underground transmission lines that would be affected by the proposed project.	Section 5.0, pages 5-1 through 5-6.	Yes	
Appendix B (g) (18) (B)	An estimate of the existing electric and magnetic fields from the facilities listed in (A) above and the future electric and magnetic fields that would be created by the proposed project, calculated at the property boundary of the site and at the edge of the rights of way for any transmission line. Also provide an estimate of the radio and television interference that could result from the project.	Section 5.0, page 5-11 through 5-14. Appendix 5C.	Yes	
Appendix B (g) (18) (C)	Specific measures proposed to mitigate identified impacts, including a description of measures proposed to eliminate or reduce radio and television interference, and all measures taken to reduce electric and magnetic field levels.	Section 5.0, pages 5-13 and 5-14.	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 5.0, pages 5-17 through 5-19.	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 5.0, pages 5-19 and 5-20.	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **T-Line Safety and Nuisance.**
 Project Manager: Mathew Trask

DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center
 Docket: 01-AFC-22

Revision No. _____ Date November 9, 2001
 Technical Staff: Obed Odoemelam
 Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.0, pages 5-7 through 5-16.	Yes	
Appendix B (h) (3)	The name, title, phones number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	NA	N/A	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	NA	N/A	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 00 Date November 9, 2001

Technical Area: **Transmission Line Safety and Nuisance**

Project: Central Valley Energy center

Technical Staff: Obed Odoemelam

Project Manager: Mathew Trask

Docket: 01-AFC-22

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Section 5.0, pages 5-16 through 5-20.	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 5.0, pages 5-7 through 5-16.	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	NA		
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 5.0, pages 5-16 through 5-20.	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 00 Date November 9, 2001

Technical Area: **Transmission Line Safety and Nuisance**

Project: Central Valley Energy center

Technical Staff: Obed Odoemelam

Project Manager: Mathew Trask

Docket: 01-AFC-22

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(B) (TSE/FD)	A full description of the facilities, if any, that are required for interconnection, including all such facilities beyond the point where the outlet line joins with the interconnected system and a full description of the environmental setting, environmental impacts, and any recommended mitigation measures proposed by the applicant for any required facilities beyond the point where the outlet joints with the interconnected system;	Section 5.0, pages 5-4 through 5-7.	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**
 Technical Area: **Transmission System Eng.**
 Project Manager: **Matt Trask**

DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center
 Docket: 01-AFC-22

Revision No. _____ Date 11/16/01
 Technical Staff: Mark Hesters
 Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (2) (A)	A discussion of the need for the additional electric transmission lines, substations, or other equipment, the basis for selecting principal points of junction with the existing electric transmission system, and the capacity and voltage levels of the proposed lines, along with the basis for selection of the capacity and voltage levels.	Pages 5-4 and 5-5 Section 5.2.2	Yes	
Appendix B (i) (2) (B)	A discussion of the extent to which the proposed electric transmission facilities have been designed, planned, and routed to meet the transmission requirements created by additional generating facilities planned by the applicant or any other entity.	Pages 5-1 and 5-2 Section 5.1	Yes	
Appendix B (b) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights of way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators. This description shall include power load flow diagrams which demonstrate conformance or nonconformance with utility reliability and planning criteria at the time the facility is expected to be placed in operation and five years thereafter; and	Pages 5-4 and 5-5 Section 5.2.2 Appendix 5B	No	The interconnection described in the AFC (figure 5.2-1) and the one studied in the interconnection study (Appendix A, figure 2) are not the same. Provide an interconnection study that is consistent with the AFC.
Appendix B (b) (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints.	Pages 5-1, 5-5 and 5-6 Sections 5.1 and 5.2.2.2	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. _____ Date 11/16/01

Technical Area: **Transmission System Eng.**

Project: Central Valley Energy Center

Technical Staff: Mark Hesters

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (18) (A)	The locations and a description of the existing switchyards and overhead and underground transmission lines that would be affected by the proposed project.	Page 5-2 to 5-4 Section 5.2.1	Yes	
Appendix B (g) (18) (B)	An estimate of the existing electric and magnetic fields from the facilities listed in (A) above and the future electric and magnetic fields that would be created by the proposed project, calculated at the property boundary of the site and at the edge of the rights of way for any transmission line. Also provide an estimate of the radio and television interference that could result from the project.	Covered by Transmission Line Safety and Nuisance	N/A	
Appendix B (g) (18) (C)	Specific measures proposed to mitigate identified impacts, including a description of measures proposed to eliminate or reduce radio and television interference, and all measures taken to reduce electric and magnetic field levels.	Covered by Transmission Line Safety and Nuisance	N/A	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Pages 5-16 and 5-20 Sections 5.6.1 and 5.6.7	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Pages 5-16 and 5-20 Sections 5.6.1 and 5.6.7	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. _____ Date 11/16/01

Technical Area: **Transmission System Eng.**

Project: Central Valley Energy Center

Technical Staff: Mark Hesters

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).		No	State that the project will conform with the LORS listed in sections 5.6.1 and 5.6.7
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	N/A	N/A	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	N/A	N/A	

Adequacy Issue: Adequate Inadequate **X**

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 00 Date 11/16/01

Technical Area: **Transmission System Engineering**

Project: Central Valley Energy Center

Technical Staff: Mark Hesters

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Pages 5-16 and 5-20 Sections 5.6.1 and 5.6.7	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Pages 5-16 and 5-20 Sections 5.6.1 and 5.6.7	No	Provide statements that the project will conform with the listed LORS.
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A	N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Pages 5-16 and 5-20 Sections 5.6.1 and 5.6.7	Yes	
§2022(b)(3) (TSE)	Substantial evidence that the project will not cause a significant adverse impact on the electrical system, including all of the following:			

Adequacy Issue: Adequate Inadequate **X**

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 00 Date 11/16/01

Technical Area: **Transmission System Engineering**

Project: Central Valley Energy Center

Technical Staff: Mark Hesters

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(3)(A) (TSE)	An interconnection study identifying the electrical system impacts and a discussion of the mitigation measures considered and those proposed to maintain conformance with NERC, WSCC, Cal-ISO or other applicable reliability or planning criteria based on load flow, post transient, transient, and fault current studies performed by or for the transmission owner in accordance with all applicable Cal-ISO or other interconnection authority's tariffs, operating agreements, and scheduling protocols and	Pages 5-4 and 5-5 Section 5.2.2 Appendix 5B	No	The interconnection described in the AFC (figure 5.2-1) and the one studied in the interconnection study (Appendix A, figure 2) are not the same. Provide an interconnection study that is consistent with the AFC.
§2022(b)(2)(B) (TSE/FD)	A full description of the facilities, if any, that are required for interconnection, including all such facilities beyond the point where the outlet line joins with the interconnected system and a full description of the environmental setting, environmental impacts, and any recommended mitigation measures proposed by the applicant for any required facilities beyond the point where the outlet joints with the interconnected system;	Pages 5-4 and 5-5 Section 5.2	No	The full description of potential downstream facilities cannot be known until an adequate interconnection study is provided.

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date Nov.9, 2001

Technical Area: **Visual Resources**

Project: Central Valley Energy Center

Technical Staff: Ken Peterson

Project Manager: Mathew Trask

Docket: O1-AFC-22

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sec. 8.11.3.2-7, pp. 8.11-7 through 8.11-26	No	Please specify the number of proposed transmission towers and assess the visual impacts of those towers.
Appendix B (g) (6) (A)	Descriptions of the existing visual setting of the vicinity of the project, the region that can be seen from the vicinity of the project, and the proposed project site. Include:	Sec. 8.11.3.1.1, p. 11-6; Sec. 8.11.3.2, pp. 8.11-7-8	Yes	
Appendix B (g) (6) (A) (i)	Topographic maps at a scale of 1:24,000 of the areas from which the project may be seen, identification of the view areas most sensitive to the potential visual impacts of the project, and the locations where photographs were taken for (g)(6)(E);	Figure 8.11-1 and Figure 8.11-2	Yes	
Appendix B (g) (6) (A) (ii)	Elevations of any existing structures on the site; and	Not applicable		
Appendix B (g) (6) (A) (iii)	The visual properties of the topography, vegetation, and any modifications to the landscape as a result of human activities.	Sec. 8.11.3.2, p. 8.11-7-8	Yes	
Appendix B (g) (6) (B)	An assessment of the visual quality of those areas that will be impacted by the proposed project.	Sec. 8.11.3.2, pp. 8.11.7-8	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. 0 Date Nov.9, 2001

Technical Area: **Visual Resources**

Project: Central Valley Energy Center

Technical Staff: Ken Peterson

Project Manager: Mathew Trask

Docket: O1-AFC-22

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g)(6)(C)	After discussions with staff and community residents who live in close proximity to the proposed project, identify the scenic corridors and any visually sensitive areas potentially affected by the proposed project, including recreational and residential areas. Indicate the approximate number of people using each of these sensitive areas and the estimated number of residences with views of the project. For purposes of this section, a scenic corridor is that area of land with scenic natural beauty, adjacent to and visible from a linear feature, such as a road, or river.	Sec. 8.11.3.3-4, pp. 8.11-8 through 8.11-13	No	<p>Please provide an estimate of the number of residences with views of the project.</p> <p>The AFC states that the KOP 4 views toward the site from most of the homes and yards are blocked by nearby structures and vegetation (p. 8.11-13). Please explain why a KOP from an open space recreation area such as a park with a view of the air space above the site not completely blocked was not chosen, or include such a KOP.</p> <p>The applicant did not consult with CEC staff to identify the scenic corridors and any visually sensitive areas potentially affected by the project. CEC staff may request the establishment of additional KOPs in the discovery phase after conducting a field reconnaissance.</p>
Appendix B (g) (6) (D)	A description of the dimensions, color, and material of each major visible component of the project.	Sec. 8.11.4.3, pp.8.11-14 through 8.11-18; Sec. 8.11.7, pp.8.11-25 through 8.11-26	Yes	
Appendix B (g) (6) (E)	Full-page color photographic reproductions of the existing site, and full-page color simulations of the proposed project in the existing setting from each location representative of the view areas most sensitive to the potential visual impacts of the project.	Figure 8.11-3a through Figure 8.11-6b	Yes	
Appendix B (g) (6) (F)	An assessment of the visual impacts of the project, including light and glare, and visible plumes.	Sec. 8.11.4.4-5, pp. 8.11-18 through 8.11-24	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**
 Technical Area: **Visual Resources**
 Project Manager: Mathew Trask

DATA ADEQUACY WORKSHEET

Revision No. 0 Date Nov.9, 2001
 Technical Staff: Ken Peterson
 Technical Senior: Dale Edwards

Project: Central Valley Energy Center
 Docket: O1-AFC-22

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.11-1 through Table 8.11-4, pp.8.11-1 through 8.11-5	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.11-1, pp.8.11-1-2	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Sec. 8.11.2., pp. 8.11-1 through 8.11-5	No	<p>It is not clear whether any transmission tower structures are within the City limits. Please discuss whether the transmission tower structures must be included in the height variance.</p> <p>The AFC states that some landscape plan details vary from City zoning standards for various reasons (p. 8.11-4). Has the City concurred with this deviation from the zoning standards? If so, please submit documentation that the deviation is acceptable to the City. If not, please submit a timeline for City review of this issue.</p> <p>The AFC states that the County General Plan requirement regarding the undergrounding of utility lines refers to distribution lines rather than transmission lines. (P. 8.11-5) Please specify the source of this statement.</p>

Adequacy Issue: Adequate _____ Inadequate **X**
 Technical Area: **Visual Resources**
 Project Manager: **Mathew Trask**

DATA ADEQUACY WORKSHEET

Project: **Central Valley Energy Center**
 Docket: **O1-AFC-22**

Revision No. **0** Date **Nov.9, 2001**
 Technical Staff: **Ken Peterson**
 Technical Senior: **Dale Edwards**

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 8.111-1-2, pp. 8.11-1-2	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 8.4.3, p. 8.4-2	Yes	

Adequacy Issue:	Adequate	Inadequate	X	DATA ADEQUACY WORKSHEET	Revision No.	0	Date	Nov.9, 2001
				(Six Month Expedited Process)				
Technical Area:	Visual Resources			Project:	Central Valley Energy Center	Technical Staff:	Ken Peterson	
Project Manager:	<u>Mathew Trask</u>			Docket:	<u>01-AFC-22</u>	Technical Senior:	<u>Dale Edwards</u>	

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Sec. 8.11.2, pp. 8.11-2 through 8.11-5	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Sec. 8.11.2, pp. 8.11-1 through 8.11-5	No	<p>The project as proposed does not comply with the City of San Joaquin zoning ordinance height maximum. Please provide information that would support the issuance of a height variance under City regulations, and describe the criteria for making those determinations. Include a letter from the City demonstrating support for the variance request.</p> <p>It is not clear if any transmission tower structures are within the City limits. Please discuss whether the transmission tower structures must be included in the height variance request.</p> <p>The AFC states that some landscape plan details vary from City zoning standards for various reasons (p. 8.11-4). Has the City concurred with this deviation from the zoning standards? If so, please submit documentation that the deviation is acceptable to the City. If not, please submit a timeline for City review of this issue.</p> <p>The AFC states that the County General Plan requirement regarding the undergrounding of utility lines refers to distribution lines rather than transmission lines. (P. 8.11-5) Please specify the source of this statement.</p>

Adequacy Issue:	Adequate	Inadequate	X	DATA ADEQUACY WORKSHEET	Revision No.	0	Date	Nov.9, 2001
				(Six Month Expedited Process)				
Technical Area:	Visual Resources	Project:	Central Valley Energy Center	Technical Staff:	Ken Peterson			
Project Manager:	<u>Mathew Trask</u>	Docket:	<u>01-AFC-22</u>	Technical Senior:	<u>Dale Edwards</u>			

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	Not applicable	N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Table 8.11.1, pp. 8.11-1 and 8.11-2	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			
§2022(b)(2)(A) (Air Quality)	a detailed modeling analysis assessing whether the cumulative impacts of all inert criteria pollutants (NOx, SO2, CO, and PM10) from the project's typical operating mode in combination with all stationary emissions sources within a six-mile radius of the proposed site that have received construction permits, but are not yet operational, and all stationary emissions sources that are currently undergoing air district permit application review will cause or contribute to a violation of any ambient air quality standard;	Not applicable	N/A	

Accuracy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date November 7, 2001

Technical Area: **Waste Management** Project: Central Valley Energy Center Technical Staff: Alvin Greenberg
 Project Manager: Mathew Trask Docket: 01-AFC-22 Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (C)	A detailed description of the design, construction and operation of the facilities, specifically including the power generation, cooling, water supply and treatment, waste handling and control, pollution control, fuel handling, and safety, emergency and auxiliary systems, and fuel types and fuel use scenarios; and	Sec. 2.2 Sec. 2.3 Sec. 2.4 Sec. 8.13.5	YES	
Appendix B (e) (2)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	Sec. 4.0	YES	
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sec. 8.13.2 Sec. 8.13.3.1 Sec. 8.13.3.2 Sec. 8.13.5 Sec. 8.13.6 Sec. 8.13.7	YES	
Appendix B (g) (12) (A)	A Phase I Environmental Site Assessment for the proposed power plant site using methods prescribed by the American Society for Testing and Materials (ASTM) document entitled "Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process" (Designation: E 1527-93, May 1993), which is incorporated by reference in its entirety; or an equivalent method agreed upon by the applicant and the CEC Staff that provides similar documentation of the potential level and extent of site contamination.	Sec. 8.13.2 Appendix 8.13A	YES	

Accuracy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date November 7, 2001
 Technical Staff: Alvin Greenberg
 Technical Senior: Mike Ringer

Technical Area: **Waste Management**
 Project Manager: Mathew Trask

Project: Central Valley Energy Center
 Docket: 01-AFC-22

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (12) (B)	A description of each waste stream estimated to be generated during project construction and operation, including origin, hazardous or nonhazardous classification pursuant to Title 22, California Code of Regulations, § 66261.20 et seq., chemical composition, estimated annual weight or volume generated, and estimated frequency of generation.	Sec. 8.13.3.1 Sec. 8.13.3.2 Table 8.13-2	YES	
Appendix B (g) (12) (C)	A description of all waste disposal sites which may feasibly be used for disposal of project wastes. For each site, include the name, location, classification under Title 23, California Code of Regulations, § 2530 et seq., the daily or annual permitted capacity, daily or annual amounts of waste currently being accepted, the estimated closure date and remaining capacity, and a description of any enforcement action taken by local or state agencies due to waste disposal activities at the site.	Sec. 8.13.4 Table 8.13-3	YES	
Appendix B (g) (12) (D)	A description of management methods for each waste stream, including methods used to minimize waste generation, length of on- and off-site waste storage, re-use and recycling opportunities, waste treatment methods used, and use of contractors for treatment.	Sec. 8.13.5	YES	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Sec. 8.13.1 Table 8.13-1	YES	

Agency Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date November 7, 2001

Technical Area: **Waste Management** Project: Central Valley Energy Center Technical Staff: Alvin Greenberg
 Project Manager: Mathew Trask Docket: 01-AFC-22 Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Sec. 8.13.8 Table 8.13-4 Appendix 1D	YES	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Sec. 8.13.1 Table 8.13-1	YES	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 8.13-4	YES	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 8.13-5 Appendix 1E	YES	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 0 Date November 7, 2001

Technical Area: **Waste Management**

Project: Central Valley Energy Center

Technical Staff: Alvin Greenberg

Project Manager: Mathew Trask

Docket: 01-AFC-22

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Table. 8.13-1 Sec. 8.13.1	YES	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Sec. 8.13.1 Table 8.13-1	YES	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A		
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Sec. 8.13.9 Table 8.13-5	YES	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. _____ Date 11/14/01

Technical Area: **Water Resources**

Project: Central Valley Critical Energy Center

Technical Staff: Joe Crea

Project Manager: Matt Trask

Docket: 01 – AFC - 22

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 1.5.2, p.1 - 4 Sections 2.2.7, p.2 – 7 to 2 – 10 Sections 2.2.9.1 to 2.2.9.1.5, p.2 – 7 to 2 – 12 Section 7.0 Section 8.14.2, p.8.14 – 4 to 8.14 – 12 Section 8.14.5, p.8.14 – 12 to 14 Section 8.14.6, p. 8.14 – 4 Section 8.14.7, p.8.14 – 4 Section 8.14.8, p. 8.14 – 4 to 15	No	Please submit a thorough discussion on the specific current and foreseeable future cumulative impacts related to water supply, wastewater discharge, and stormwater runoff. The applicant intends to discharge sanitary wastewater to the City of San Joaquin's Wastewater Treatment Facility. However, the applicant further indicates, via the CVRWQCB, that currently, no new sources of wastewater connection are permitted due to insufficient capacity at the existing WTF. Please provide staff with the "Comment letter to Initial Study" by the CVRWQCB. Please also provide a discussion on how the applicant would mitigate impacts related to sanitary wastewater issues in lieu of discharging to the City of San Joaquin.
Appendix B (g) (14) (A)	All information required by the Regional Water Quality Control Board in the region where the project will be located to apply for:			
Appendix B (g) (14) (A) (i)	Waste Discharge Requirements; and	Appendix 7A	No	Provide a letter from the CVRWQCB that discusses the upcoming changes to the Waste Discharge Requirements between the Regional Board and the City of Fresno regarding the Master Reclamation Permit and how this will affect the proposed CVEC project. Provide documentation regarding the impending changes related to schedule and documentation from the RWQCB citing any waivers issued to the City of Fresno allowing the applicant to use reclaimed water until the WDRs from the City of Fresno are adopted.
Appendix B (g) (14) (A) (ii)	a National Pollutant Discharge Elimination System Permit.	Section 8.14.7, p.8.14 – 14 Section 8.14.9, p.8.14 - 15	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. _____ Date 11/14/01

Technical Area: **Water Resources**

Project: Central Valley Critical Energy Center

Technical Staff: Joe Crea

Project Manager: Matt Trask

Docket: 01 – AFC - 22

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (B)	A description of the hydrologic setting of the project. The information shall describe, in writing and on maps at a scale of 1:24,000, the chemical and physical characteristics of the following water bodies that may be affected by the proposed project:			
Appendix B (g) (14) (B) (i)	Ground water bodies and related geologic structures;	Sections 8.14..2.2 to 8.14.2.2.3, p.8.14 – 7 to 8 Figure 8.14 – 2 Sections 8.15.3 to 8.15.3.2.2, p.8.15 – 1 to 2	No	Provide a hydrostratigraphic map that depicts the areas affected by groundwater withdrawal for reclaimed water supply.
Appendix B (g) (14) (B) (ii)	Surface water bodies; and	Section 8.14.2.1.1, p.8.14 – 7 Figures 8.14 – 1a and 1b	No	Provide legible mapping (suggested scale less than 1"=100') that reflects existing and conceptual proposed contours for the proposed power plant site. Provide a topographic map that depicts the linear facilities. This topographic map should also contain legible topography for all watercourses to be impacted by the proposed project.
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.	Section 8.14.5.6,p.8.14 – 14 Figure 8.14 - 3	No	Please modify Figure 8.14 – 3 to include water inundation zones (i.e. 100 – year floodplain) for all watercourses affected by lineal crossings.
Appendix B (g) (14) (C)	A description of the water to be used and discharged by the project. This information shall include:			
Appendix B (g) (14) (C) (i)	Source of the water and the rationale for its selection, and if fresh water is to be used for power plant cooling purposes, a discussion of all other potential sources and an explanation why these sources were not feasible;	Section 2.1, p.2 – 1 Section 7.1.1, p.7 – 2 Section 7.1.2, p.7 – 3 to 4 Section 7.1.5, p.7 – 8 Section 8.14.3, p.8.14 – 8 to 9 Sections 7.1.3 and 7.1.4, p. 7 – 5 to 7	No	Please provide letters from the City of Fresno and the State Department of Health Services (DHS) regarding the Title 22 Engineering Report submitted by the City of Fresno. This report was drafted for the Calpine reclamation project. Provide the October 17, 2001 and October 23, 2001 letters from the DHS and City of Fresno, respectively.

Adequacy Issue: Adequate _____ Inadequate **X****DATA ADEQUACY WORKSHEET**

Revision No. _____ Date 11/14/01

Technical Area: **Water Resources**

Project: Central Valley Critical Energy Center

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Project Manager: Matt Trask

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Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (C) (ii)	The physical and chemical characteristics of the source and discharge water;	Section 7.1.2, p.7 – 3 to 4 Table 7.1 – 1 Section 8.14.3.3, p.8.14 – 9 to 10 Table 8.14 - 3	Yes	
Appendix B (g) (14) (C) (iii)	Average and maximum daily and annual water demand and waste water discharge for both the construction and operation phases of the project; and	Sections 8.14.3.1 and 8.14.3.3, p.8.14 – 9 Table 7.0 – 1 Section 7.1.1, p.7 – 2 Sections 2.2.7 to 2.2.7.2, p.2 – 8 Figures 2.2 – 6a and 6b	No	Section 8.14.3.4 incorrectly references Table 7.1 – 1 as depicting the CVEC monthly water requirements. Please provide the appropriate table. Table 2.2 – 1 is titled “Estimated Average Daily Water Requirements”; however the table contents are labeled as Peak Requirements. Please provide further clarification. What will serve as the source of water for the construction phase of the project? Please provide additional information.
Appendix B (g) (14) (C) (iv)	A description of all facilities to be used in water conveyance, treatment, and discharge. Include a water mass balance diagram.	Section 2.2.7, p.2 – 7 to 2 – 10 Sections 2.2.9.1 to 2.2.9.1.5, p.2 – 11 to 2 – 13 Figures 2.2 – 6a and 6b Section 7.1.1, p.7 – 2 Section 7.1.2, p.7 – 3 to 4 Section 7.1.5, p.7 – 8 Section 8.14.3, p.8.14 – 8 to 9	Yes	
Appendix B (g) (14) (D)	A description of pre-, and post-construction runoff and drainage patterns, including:			
Appendix B (g) (14) (D) (i)	Precipitation and storm runoff patterns; and	Section 8.14.2, p.8.14 - 4 Section 8.14.4, p.8.14 – 11 to 12 Section 8.14.5.4, p.8.14 - 13 Table 8.14 – 4, p.8.14 - 11	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. _____ Date 11/14/01

Technical Area: **Water Resources**

Project: Central Valley Critical Energy Center

Technical Staff: Joe Crea

Project Manager: Matt Trask

Docket: 01 – AFC - 22

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (D) (ii)	Drainage facilities and design criteria.	Section 2.2.9.1.3, p.2 - 12 Section 8.14.4, p.8.14 – 11 to 12 Section 8.14.5.4, p.8.14 – 13 Tables 8.14 – 5 and 6 Figure 8.14 – 4	No	Please provide complete and detailed drawings that exhibit all stormwater infrastructures associated with the proposed project (stormwater pipes/swales/ditch flow routes and discharge locations, inlets, oil/water separator locations). Please elaborate on the fate of the stormwater runoff upon entering the proposed detention basin.
Appendix B (g) (14) (E)	An assessment of the effects of the proposed project on water resources. This discussion shall include:			
Appendix B (g) (14) (E) (i)	The effects of project demand on the water supply and other users of this source;	Sections 8.14.5..2 and 8.14.5.3 p.8.14 - 13 Section 8.14.6 p.8.14 – 14 Section 7.0 Section 2.2.7	Yes	
Appendix B (g) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	Sections 8.14.5.1 and 8.14.5.5, p.8.14 - 13	Yes	
Appendix B (g) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.	Section 8.14.5.6,p.8.14 - 14	No	Provide a discussion on the project linear facilities and their effects on the 100 – year floodplain.
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table Appendix 1D Table 8.14 - 1	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET

Revision No. _____ Date 11/14/01

Technical Area: **Water Resources**

Project: Central Valley Critical Energy Center

Technical Staff: Joe Crea

Project Manager: Matt Trask

Docket: 01 – AFC - 22

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Tables 8.14 – 1, 8.14 – 7, and 7.4 - 1 Tables Appendices 1D, 1E, and 1F	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Table 8.14 – 1 Table Appendix 1D	No	Refer to Appendix B (h) (1) (A) and provide a discussion of conformity with LORS.
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Tables 1E and 1F Table 8.14 - 1 and 8.14 - 7 Table 7.4 - 1	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table Appendix 1E Tables 7.4 - 1 & 8.14 - 7	Yes	

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 00 Date 11.14.01

Technical Area: _____
Soil and Water Resources

Project: Central Valley Energy Center

Technical Staff: _____
Joe Crea

Project Manager: Matt Trask

Docket: 01 – AFC - 22

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Tables 8.9-1 & 8.9-3 Tables 1E & 1D Sections 8.9.2 to 8.9.2.3.2, p.8.9 – 1 to 3 Table Appendix 1D Table 8.14 – 1 Section 8.14.1 to 8.14.1.3, p.8.14 – 1 to 8.14 - 4	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Table 8.9-1 Table 1D Sections 8.9.2.1,p.8.9-1 & 8.9.4.2,p.8.9-9 Section 8.9.2.2,p.8.9-1 Section 8.9.2.3,p.8.9-2 Table 8.14 – 1 Table Appendix 1D	No	Provide a letter from the CVRWQCB that discusses the upcoming changes to the Waste Discharge Requirements between the Regional Board and the City of Fresno regarding the Master Reclamation Permit and how this will affect the proposed CVEC project. Provide documentation regarding the impending change related to schedule and documentation from the RWQCB citing any waivers issued to the City of Fresno allowing the applicant to use reclaimed water until the WDRs from the City of Fresno are adopted.
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	Appendix 7B	No	Please refer to §2022(b)(1)(B).

Adequacy Issue: Adequate _____ Inadequate **X**

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 00 Date 11.14.01

Technical Area: _____
Soil and Water Resources

Project: Central Valley Energy Center

Technical Staff: _____
Joe Crea

Project Manager: Matt Trask

Docket: 01 – AFC - 22

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1)(D) (Water)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Tables 8.9-1 & 8.9-3 Tables 1E & 1D Tables 8.14 – 1, 8.14 – 7, and 7.4 - 1 Tables Appendices 1D, 1E, and 1F	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			
§2022(b)(2)(E) (Water)	If the project will result in a discharge of waste that could affect the water quality of the state, a complete report of proposed waste discharge as required by section 13260 of the Water Code. This will allow for issuance of waste discharge requirements by the appropriate regional water quality control board within 100 days after filing the application in accordance with Public Resources Code section 25550(d);	Section 2.2.9.1.2, p.2 – 11 to 12 Sections 2.2.9.1.3 to 2.2.9.1.5, p.2 – 12 to 13	No	Provide a letter from the CVRWQCB that discusses the upcoming changes to the Waste Discharge Requirements between the Regional Board and the City of Fresno regarding the Master Reclamation Permit and how this will affect the proposed CVEC project. Provide documentation regarding the impending changes related to schedule and documentation from the RWQCB citing any waivers issued to the City of Fresno allowing the applicant to use reclaimed water until the WDRs from the City of Fresno are adopted. The applicant intends to discharge sanitary wastewater to the City of San Joaquin's Wastewater Treatment Facility. However, currently the WTF is experiencing an overload and the CVRWQCB is not permitting any new discharges to the WTF. Please provide staff with the "Comment letter to Initial Study" issued by the CVRWQCB. Please also provide a discussion on how the applicant would mitigate impacts related to sanitary wastewater issues in lieu of discharging to the City of San Joaquin.

Adequacy Issue:

Adequate

Inadequate

X

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 00
Date 11.14.01

Technical Area:

Soil and Water Resources

Project:

Central Valley Energy Center

Technical Staff:

Joe Crea

Project Manager:

Matt Trask

Docket:

01 – AFC - 22

Technical Senior:

Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(5)	The following information to demonstrate that the project, if certified, is likely to be constructed and operated;			
§2022(b)(5)(B) (Water)	A will-serve letter or similar document from each provider of water to the project, indicating each provider's willingness to provide water to the project and describing all conditions under which the water will be provided, and a discussion of all other contractual agreements with the applicant pertaining to the provision of water to the project.	Appendix 7A Appendix 7B	No	<p>The will serve letter from the City of San Joaquin (Appendix 7B) indicates that the City of San Joaquin will serve Domestic Sewer. However, the CVRWQCB is not permitting any new connections to the City's sewage system due to an overload.</p> <p>Please provide written documentation from the RWQCB and the City of San Joaquin that further discusses the sanitary wastewater issue.</p>

Adequacy Issue: Adequate **X** Inadequate _____

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 11/19/01

Technical Area: **Worker Safety**

Project: Central Valley Energy Center

Technical Staff: Rick Tyler

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.7	Yes	
Appendix B (g) (11) (A)	A description of the safety training programs which will be required for construction and operation personnel.	Section 8.7.4.4	Yes	
Appendix B (g) (11) (B)	A complete description of the fuel handling system and the fire suppression system.	Sections 2.0	Yes	
Appendix B (g) (11) (C)	Provide draft outlines of the Construction Health and Safety Program and the Operation Health and Safety Program, as follows:	Section 8.7	Yes	
	Construction Health and Safety Program: * Injury and Illness Prevention Plan (8 Cal. Code Regs., § 1509);		Yes	
	* Fire Protection and Prevention Plan (8 Cal. Code Regs., § 1920);		Yes	
	* Personal Protective Equipment Program (8 Cal. Code Regs., §§ 1514-1522)			
	Operation Health and Safety Program: * Injury and Illness Prevention Program (8 Cal. Code Regs., § 3203);		Yes	
	* Fire Prevention Plan (8 Cal. Code Regs., § 3221);		Yes	
	* Emergency Action Plan (8 Cal. Code Regs., § 3220);		Yes	
	* Personal Protective Equipment Program (8 Cal. Code Regs., §§ 3401-3411).		Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Worker Safety**
 Project Manager: Matt Trask

DATA ADEQUACY WORKSHEET

Project: Central Valley Energy Center
 Docket: 01-AFC-22

Revision No. 0 Date 11/19/01
 Technical Staff: Rick Tyler
 Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables that identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.7-2 and 2	Yes	
Appendix B (h) (1) (B)	Tables that identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 8.7-9	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.7	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 8.7-9	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 8.7.6	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 00 Date 11/19/01

Technical Area: **Worker Safety**

Project: Central Valley City Energy Center

Technical Staff: Rick Tyler

Project Manager: Matt Trask

Docket: 01-AFC-22

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Section 8.7-1 and 8.7-2	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 8.7	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	N/A	N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	N/A	N/A	